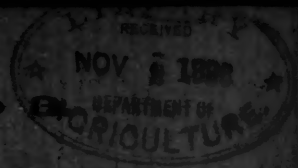


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# THE NATIONAL PROVISIONER.

The Organ of the Provision and Meat Industries of the United States.

Entered at the Post Office, New York, and admitted for Transmission through the Mails at Second-Class Rates.

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Vol. XV.—No. 18.

NEW YORK AND CHICAGO, SATURDAY, OCTOBER 11, 1896

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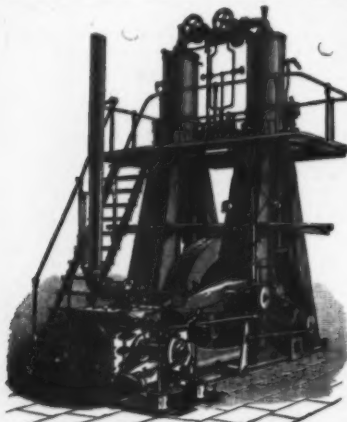
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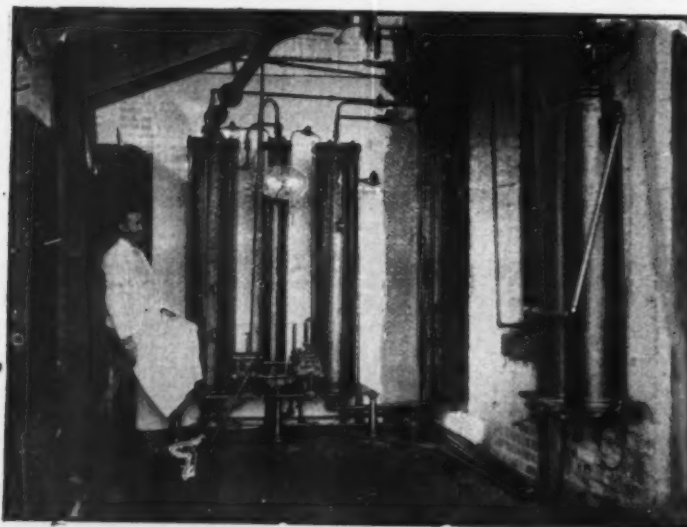
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*The Organ of the Provision and Meat Industries of the United States.*

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## NOTICE.

This journal will be increased by four or eight pages after the elections.



## AN APPEAL TO PATRIOTISM.

The National Provisioner is not as a rule in politics. It stands, in the trade, as the standard-bearer of its best interests, a forum for its patrons, unhampered and independent. It is, therefore, a serious deviation from its established principles and from the policy of its publishers to take any part in a political discussion on its editorial pages. Only the hour of supreme need or the appearance of great danger to the trade or to our country can warrant this deviation. This hour has arrived. A moment of supreme danger to all the vital interests of the meat and provision industries and the community at large demands that we break our silence, and that we ask our many thousand friends and patrons, extending from Maine to California and from the lakes to the gulf, to stand by our country and its flag next Tuesday. The interests of employer and employé are identical. The employer who is compelled to shut down his packing house or factory cannot further pay wages to his employes. This fact once being recognized, there is no doubt on which side the members of this great industry which we represent will be found. The many thousand letters which have come to this office within the last few months all point in the same direction, and show that the members of the meat and provision industries stand together, shoulder to shoulder, to uphold the honor and the credit of the United States. The humblest butcher and the biggest packer in the country, the smallest fat peddler, desires, as the largest renderer does, to maintain our nation's integrity and its high commercial standing. We look forward to profits and prosperity if these are upheld, and we fear dire disaster, ruin to business men and starvation to workmen if they are not. Let us, therefore, rally around our country's standard and protect our dear ones by casting our votes for honesty, peace and prosperity. Let us pay our honest debts honestly. No repudiation!

## OLEOMARGARINE.

In looking over the statistical returns of the Commissioner of Internal Revenue, with especial reference to oleomargarine, the fact is palpable that its consumption has decreased. Adverse legislation, the direct result of a prejudice born of lack of a true conception of the intrinsic merits of the article, is the primary cause. This is regrettable, if only viewed from the standpoint of the people's welfare, apart from other considerations of greater or less moment. Oleomargarine holds a similar position to butter as compound lard does to pure lard. In its capacity as a substitute—or, rather, as an excellent competing product of butter—oleomargarine has been instrumental in reducing the price of butter, and thereby hangs a tale. The people at large are unfortunately not educated sufficiently concerning the properties of oleomargarine. It should be understood that it is not the spurious product of a class of unscrupulous manufacturers organized to deceive and rob the public. We could cite a long list of testimonials emanating from the most distin-

guished chemists here and abroad, pointing to its wholesomeness and generally desirable properties, as an edible preparation, while strongly commending its use. The increased use of oleo, while proving a source of greater revenue to the government, conceding its undoubted value as an edible compound, is also a matter of peculiar interest to stock raisers, for the reason that every steer or hog marketed derives an enhanced value thereby. It should be more fully understood that the increased demand for certain selected fats of the steer and of the hog for use in the manufacture of oleomargarine is the prime cause of their enhanced value. The only serious opposition to the greater consumption of oleomargarine emanates from the National Butter and Cheese Makers' Association, which critically investigated, cannot otherwise be construed, than a pronounced state of alarm on the part of dairymen that the merits of oleomargarine as a food product will substantially reduce their source of revenue.

If oleo, as to-day manufactured by American houses, whose reputation for honest dealing is like Caesar's wife, above suspicion, cannot be distinguished from genuine butter when artificially colored, as the latter always is, remembering the undoubted testimony concerning its merits, it must be a very desirable article of food and deserving of as much consideration as the products of cow's milk. If the interests of the American people were subserved their needs demand the abrogation of such restrictive measures as those which prevail in certain States, with regard to oleo should be speedily accomplished. Cheaper prices for butter, together with the enforcement of further restrictive measures in States which have not yet been burdened in this respect, will, it is hoped, by the opponents of oleo, still further diminish its distribution. As an instance of the value of oleo to the community, even under the present disadvantageous conditions, it is only necessary to state that in the fall months of 1895 the price of butter was from 25 to 27 cents per pound at retail, while it is now from 17 to 20 cents, still lower prices being prospectively indicated. We refer our readers to the statement received from the Dairy Division of the United States Department of Agriculture, published elsewhere in this issue, as one deserving of especial consideration, at the same time regretting the existence of conditions which render fair competition impracticable, thus proving a standing menace to the true interests of the country.

## EXPORTS IN THE MEAT AND PROVISION TRADE

The statistical position of the meat and provision trades, with especial reference to exports, is of more than ordinary interest at this time. The quantity of fresh beef exported for the United Kingdom during the first six months of the present year amounted to 56,300 tons, as against 47,086 and 51,184 in the corresponding periods of 1895 and 1894, respectively. The exports of salted beef in the first half of 1896 show a striking improvement when compared with those of 1895 during the same period, as revealed by the figures which we herewith submit and in the order named—7,153 and 5,515 tons. The weight of hams exported during the period under review amounted to 34,888 tons, as compared with 33,264 and 30,178 tons in the first six months of 1895 and 1894. These are healthful signs, their significance being emphasized by the assurance that a further increment, of substantial proportions, will be credited to this important branch of the exports of the country for the latter half of the current year.

Within the scope of this review it will be in order to refer to the export of live animals as distinct from the export of meats and provisions. The exports of cattle to the United Kingdom show an enormous increase in the first half of the present year, as compared with that of 1895. In this particular line Argentina is rapidly forging ahead, but the relative positions of the two countries, geograph-

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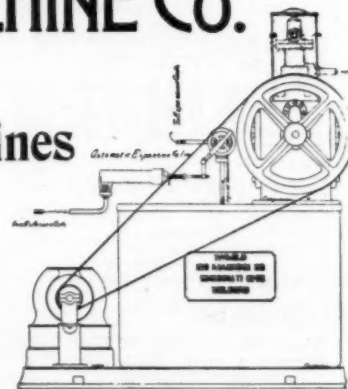
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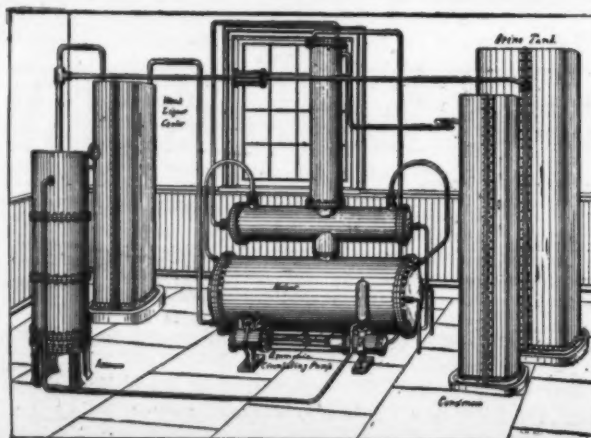
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HOTEL MARGARET, Brooklyn, N. Y.



ically and otherwise, with regard to possible developments, places the latter country at a decided disadvantage as a competitor of the United States. Nevertheless, the enormous increase of Argentina Cattle arriving in the United Kingdom in the six months ending June 30, 1896, as compared with previous similar periods, affords food for reflection for the American stock raiser and exporter. In the first six months of the present year 44,500 cattle arrived in Great Britain from Argentina, as compared with 38,763 for the entire year of 1895. The increase in arrivals of sheep is in a still greater ratio, Argentina actually ranking first in the list of sheep exporting countries. The actual exports of sheep from Argentina to Great Britain for the six months ending June 30 amounted to 224,213, as against 200,644 exported by the United States during the same period. There is nothing to occasion alarm in this revelation, however, as Argentina is essentially a sheep-raising country. Australian exporters of frozen meat, however, already recognize the Argentine Republic as their most serious competitor. In the matter of exports of cattle, however, the United States easily leads, while bidding fair to maintain that position indefinitely, as the subjoined figures will indicate. Of the 287,285 head which were imported by England during the first half of this year, the 44,500 which Argentina contributed are but an unimportant ratio when compared with the preponderating number credited to the United States. The exports of bacon, cheese and lard are also much in excess of those of the previous year, thus exhibiting the extensive movements of produce.

Briefly summarizing this review of commercial happenings, while glancing at those prospectively indicated, we are warranted in assuming that an era of prosperity awaits the industrial lines which the National Provisioner represents, together with other leading interests of the country, the actual inception of same being concurrent with the passing of November 3.

#### INCREASED EXPORTS OF AMERICAN PRODUCTS ASSURED.

Cable advices just received from London point to the important fact that irrespective of the demand for American wheat from distant countries, such as India, Austria and East India, the demand from Great Britain will be steadily on the increase at advancing prices, and not until a succession of bounteous harvests drive prices down again shall we witness such dullness as was experienced this year. All of which is encouraging, when viewed from the standpoint of the meat and provision trades.

#### BIG GAINS IN PRODUCE EXPORT.

The official figures of the Produce Exchange show that during the past twenty-four days of October enormous gains in the exports of produce have been recorded. In some instances, notably with corn, the increase is 100 per cent. over that of the previous period of 1895. Lard, tallow and cotton oil also show surprising activity, all of which widens the stream of cash which is flowing this way from Europe.

#### EXPORTED EDIBLE PRODUCTS FROM GERMANY.

An English contemporary, "Food and Sanitation," informs us of the death of a boy in London recently, caused by eating German sausages. The inquest revealed the fact that the boy's death was undoubtedly due to irritation of the intestines caused by poisonous food.

It would thus appear that our German cousins are far from being as careful in the

preparation of edible products for export, as they are desirous of exacting from American exporters. People who live in glass houses should not throw stones, the aphorism being emphasized by the fact that there is actually less need of examination of our exported canned and other edible articles, than would appear to be necessary in the case of those exported from the Fatherland.

#### AN OLD ESTABLISHED PAINT HOUSE.

We take pleasure in calling the attention of the large number of steam plant operators and manufacturers generally who peruse the columns of the National Provisioner to the advertisement of the well-known paint manufacturing firm of F. W. Devoe and C. T. Reynolds & Co., which appears elsewhere in this issue. For proprietors of storehouses, wooden and other structures generally—important and indispensable attachments to the meat, provision and oil trades throughout the country—the quality of paint used is of peculiar consequence. The old established house to which we refer has established its well-merited reputation upon the undoubted purity of the goods manufactured, and in giving prominence to this fact we feel we are conferring a benefit to the large consumers of paint, whose manufacturing interests are represented by our paper, and whose location in numerous instances are removed from the leading commercial centers of the country. The enormous quantities of paint annually consumed by the large packing houses in New York and Western cities will do well to communicate with the Messrs. Devoe & Reynolds when needing supplies in their line.

#### PROVISIONS AND LARD. WEEKLY REVIEW.

has been all there is to note in the market for cash products, less business having been done than in any week this autumn, if not less than any last summer, both East and West, neither home nor export trade having been in the market for anything except Western lard, of which Gledhill took 1,500 tcs. early for the English markets, at current prices, and Cuban shippers about 400 tcs. of city. Otherwise there has been nothing done in anything, except in the smallest kind of job lots, meats and pork alike having been almost neglected, except for the local city trade. The speculative markets, however, have been moderately active at times, when the excitement in wheat would permit, but the operators in provisions have had their hands full in the wheat market to the exclusion of provisions, the greater part of the week. In fact, the two leaders, Armour and Cudahy, have renewed their old feud in an attempt to control the price of wheat, during the late excitement, which has left only the less active traders among the packers in the provision market, yet none of these have been conspicuous on either side, until Wednesday, when Hatley sold 10,000 bbls. of pork, half to Wolf and half to Rolson, in 5,000 bbl. lots, and 1,000,000 lb of ribs, of which the latter bought half. Provisions have sympathized but little with wheat, because of this withdrawal from the former market of the two chief operators who had been working wheat and provisions together, previous to last week. In relation to this fight between Armour and Cudahy in wheat, the facts seem to be as follows, so far as can be gathered from the best informed sources at Chicago: When wheat had struck 70c. Armour sold out his line of long stuff, said to have amounted to 5,000,000 bushels, thinking the advance had culminated, and publicly announced that he had made 10c. a bushel on it, intimating that it had gone high

enough. But Cudahy, Linn and Baker held on to a still larger line, and put the market up to 80c., with the help of the exporters, and it is said that Armour sold the market short all the way up from 70c., until he was badly hung up. At this juncture, the trade was thrown into consternation one morning by an unexpected and unexplained drop of 2½d. in the Liverpool market, following a 2c. advance on this side the day before. What had broken loose, nobody knew, as cables assigned no cause for the decline, except liquidation of weak holders, notwithstanding that market had hitherto followed every advance here without hesitation. This was accompanied with a severe raid on the Chicago market, as well as the New York, until stop loss orders were caught and a flood of long wheat was shaken out. Meantime, Armour was reported to have borrowed the loanable funds of the Chicago banks to such an extent that when Cudahy went with his collaterals for accommodation from these same banks to margin down his big line of long wheat, on which Armour had made heavy calls at the break of over 7c. in two days, he could get no money and was forced to sell out his big holdings. It was then believed that Armour was the cause of the break in the Liverpool market that started this reaction in wheat, which did not stop until a 10c. decline had been caused and Cudahy's wheat thrown over. Then the market recovered a couple of cents and legitimate influences again seemed to be asserting themselves, after this new scare on an old feud had been made. Of course, this panic among the bulls in wheat affected provisions, though nothing like to the extent that would have been expected, for the latter had been inclined to cut loose from the former for some time since when wheat was advancing, though it did not sympathize with it on the breaks, indicating that the packers were covering their shorts in provisions during the break in wheat, hence there has not been any market decline in hog products to correspond with that in grain. In fact, there have been comparatively little, indicating that the weakness in provisions before the break in wheat was a result of the manipulation of packers, while a comparative steadiness during a 10c. break in that of grain indicates that they were covering, notwithstanding corn had sympathized with wheat to a considerable extent during that time. Yet while cash business has been so slow, shipments out of Chicago have continued on the same enormous scale as for the past three months, and have even exceeded that average, going forward on old contracts, which is likely to have produced another big reduction in stocks to be shown on the 1st of November. On the other hand, the supply of hogs at the West has not been materially changed, although running fairly up to estimate most of the week. There has been no further complaint in relation to cholera among the hogs than that noted in our last, and no indication in the receipts or movement of hogs of any unusual prevalence of that disease. As to the course of the spot market, there is nothing of special interest, except that noted above, in lard, while the details are as follows: On Saturday there were sales in New York of 250 tcs. of spot Western lard and 250 late Friday on p. t., part for export for the U. K., part for local refiners, and 50 tcs. of city at \$4.50 for choice refining grades. On that day the option market in Chicago closed unchanged, excepting 2½c. up on lard, after opening lower and going higher. On Monday 250 more cost and freight lard at \$4.62½ was reported from late Saturday, also for export, and a few tanks of Western lard at January prices in Chicago, laid down in New York. Receipts of hogs were 40,000 in Chicago, as estimated, and prices 5c. off. At New York 500 tcs. more of cash lard were taken, filling out the 1,500 noted above for the U. K. market for Gledhill, spot being

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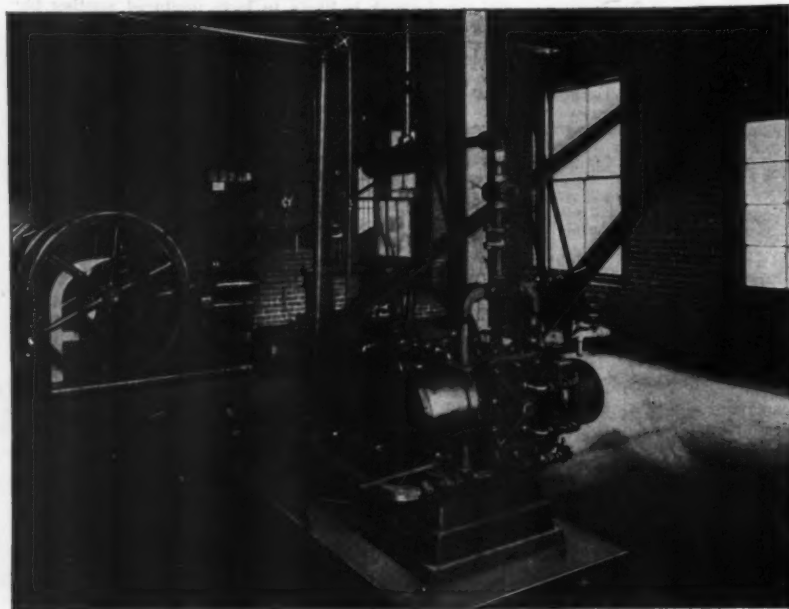
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quoted at \$4.70, tank at \$4.52½, and cost and freight at \$4.65. Small lots of pork were sold at \$8.50@8.9 for mess, which was a shade easier. Hogs in New York were ¼c. off, on better arrivals. In meats nothing whatever was done, except in job lots at unchanged quotations.

On Tuesday receipts of hogs in Chicago were 3,000 in excess of estimates, yet only 26,000, but products declined 7½c. on pork, 2½c. on ribs and lard, while hogs were 5c. lower and the New York market ¼c. off. Spot business in the latter market was 500 tcs. of Western lard at \$4.65, and 250 on p. t., part refining and part export, with 2 tanks reported in New York at January price in Chicago; 100 city lard sold at \$4.40@4.45, while refining was advanced to \$5.10 for the Continent, unchanged \$5.35 for South America and \$6.50 for Brazil, in kegs. Only 200 bbls. of pork were reported at former prices; 1,500 shoulders, pickled city, 4¼@4½c.; 1,000 city pickled hams, in job lots, at 8¼c. for 12-lb up to 9¼c. for 16, which was easier on the latter; 12-lb bellies were steady at 5¼c. asked, but 10-lb weak at 5½c. asked, some brands, and 5¼c. for others, and 5¼@5½c. for clear bellies, boxed, and only jobbing lots taken, for either home or Cuban trade.

On Wednesday receipts of hogs at Chicago were 36,000 and at the Western points 81,000, being in excess of last year for the first day this week at the nine points reported, while prices were 5@10c. off on better receipts at all points. Products opened lower in Chicago on these receipts and declined quite sharply, but recovered the loss to 2½c. less by the close, sympathizing for the first time in several days with wheat. At New York spot business was at a standstill, nothing whatever being reported in lard, which closed 5c. firmer nominally than it opened, at \$4.70 for Western, \$4.40 for city and \$4.47½ for tank, at which 3 tanks were sold late in the day and on p. t.

In meats there was nothing but small jobbing sales made at Tuesday's quotations. Hogs were ¼c. off again in New York.

In beef products there has been nothing particularly new, nor any special activity, prices being steady at the late advance, but buyers more disposed to hold off in view of the dullness of the general market. Hams, however, have been held a little firmer at \$16.50, cost and freight New York, but no business has been reported at that figure. Sales of city packed beef, 400 tcs. of extra India mess and 500 bbls. of packet and family at quotations below. Canned beef is hardly mentioned in any way, and seems to be a dead cock in the pit, at old quotations asked.

Thursday's markets were a trifle firmer at the start, on 8,000 less hogs than expected at Chicago, and with wheat, but were sold off by packers, in absence of any support, as the shorts had covered earlier in the week, and there was little outside demand to take their place. But the close was unchanged for the day on pork, 2½ on ribs and 5 on lard, with 60,000 hogs at nine points, and generally 5 off. New York was unchanged on hogs, 2½ off on lard, with 750 tcs. taken for export, chiefly the Continent, at about \$4.62½, cost and freight; 2 tanks for refiners at about January price in Chicago; city dull at \$4.35@4.40, iron-bound ditto, \$4.70, refined of all kinds continued as dull as for the week. Only

200 pork was reported, as West India mails have been delayed, and reduced the already small trade doing. Nothing but very small job lots of meats were reported at New York, though a better demand was reported at Chicago on that day, for the first in some time. The week's packing at the West showed a decrease for the first time in weeks, being 320,000, against 345,000 last year.

Friday's markets were weaker early on selling by packers, but rallied with wheat to close 5 up for day on pork, 2½ on ribs and unchanged to 2½ off on lard, New York, 2½ off, at \$4.60@4.62½, spot Western \$4.57½, cost and freight ditto \$4.85, city January price asked for tanks; 200 pork unchanged, 10,000 lb 10-lb rib bellies loose, 5½. 500 city pickled shoulders 4½. We quote:

City lard stearine, 5½; Western prime, ditto, to arrive, 5@5½; oleo stearine, city, 5 1-16@5½; yellow grease stearine, 3½; white, ditto, 3½ nominal; tallow stearine, 4½ nominal; oleo oil at New York, nominal; No. 1, 8@8½ nominal; No. 2, 6½ nominal; No. 3 5½ nominal; oleo stearine at Chicago, 5½; yellow grease stearine, 3½ nominal; white, ditto, 3½ nominal; tallow stearine, 4@4¼ nominal; Western steam lard, \$4.62½; refined, Continent, \$5.10; refined, South America, \$5.35; refined, Brazil, in kegs, \$6.50; compound for city, 4¼; compound for Western, 4¼@4½; neutral, West, 6¼@6½; neutral, New York 6@6¼; pork, new York, for new, \$8.50@8.9; pork, New York, for family, including city, \$10.75@12; pork, for New York, clear, \$9@10.50; Beef, New York, corned and roast, 1-lb cans, \$1.05@1.15; 2-lb cans, \$1.85@2; 4's, \$3.75@4; 6's, \$5.75@6; 14-lb, \$13@14; mess, \$7@7.50; packet, \$8@8.50; family, \$9@10; extra India mess, in tcs., \$11@13; hams, West, for new, \$15.50@16; cost and freight, here, \$10@16.50; job lots, \$16.50@17; tongues, \$21@23; New York city pickled shoulders, 4¼@4½; clear boxed bellies, 5½@5½; 12-lb bellies, 5½; 10-lb, 5½; green hams West, 14-lb, 7½; 16-lb, 7¼; 12-lb, 8½; California s. p. hams, 4¼; New York s. p. shoulders, nominal; New York hogs, 4¼@5½; city tallow, 3½; country, packages free, 3½@3¾; edible, 4@4½; Chicago prices, 3¼@4c.

GREASES.—Brown, 2½@3c.; yellow, 3¼@3½; white, 3¼@3½; house and soap, 2½@3½; for A white, 3¼@3½; for B white, 3¼; for yellow, 2½@2¾; for brown, 2½@2¾; for bone, 2¾.

## CHICAGO.

(MALLORY, SON & ZIMMERMAN CO.)

(Written especially for The National Provisioner.)

HOGS.—As we intimated in our last letter, the near approach of the election has called a halt and a reaction in nearly all of the speculative markets, and also in the demand for provisions. This condition is nothing more than could reasonably be expected, and although prices have declined 15@25c. during the week, the general trade is in a fairly healthy condition, and prices are considerably higher than the trade expected two months ago. Receipts of hogs are fairly liberal, but are in no wise excessive, but the supply for October will be considerably less than for the same time last year. The quality continues poor, the bulk of the receipts being pigs and common heavy hogs. Choice hogs are comparatively scarce, although we are receiving some of this year's crop, which are fairly

good. We do not look for much change in the situation until after the election is decided, and then we believe in a very short time the market will settle down to a legitimate supply-and-demand basis, which should govern the market for all commodities. In our opinion it does not make so much difference regarding the outcome of the election as the politicians desire to make it appear, but we do believe it good policy to work on a conservative basis until the trade conditions throughout the country are in better shape.

CATTLE AND SHEEP.—The sharp decline noted last week in the cattle market caused considerable lighter receipts, and prices on the choicest fat cattle are 10@15c. higher, but other grades are still slow and prices lower.

Receipts of sheep and lambs were again liberal, but the market ruled fairly active and prices are without material change.

## CHICAGO PROVISION MARKET.

The speculative market has ruled very quiet and steady within a narrow range of values, and considering the great drop and shake-out of bulls in the wheat pit, the provision market for the past week could be called a firm one. The cash demand has been better than the week before, and the shipments of lard and cut meats very heavy, and the expectation that next Monday will show a large reduction in stocks has had a stimulating effect on the market. The shipments of lard for the week were enormous at 16,500,000 lbs., equal to 50,000 tierces. The shipment of cut meats was also very large—19,000,000 lbs., equal to 760 carloads of 25,000 each. The stocks on November 1 are expected to show about 90,000 bbls. of pork, 157,000 tierces of lard and 28,000,000 lbs. of ribs, a reduction for the month of 12,000 bbls. of pork, 50,000 tierces of lard and 9,000,000 lbs. of ribs. Receipts of hogs last week were under the estimates, at 166,520 against 187,000 the week before, and 178,570 a year ago. The large shipments of produce and the comparatively light hog receipts are about the only bull arguments. The first named is the best, for no one disputes the fact that there are plenty of hogs in the country and they will soon come to the front in droves large enough to suit the most pronounced bear. But while the cash demand for provisions keeps so good the packers are not hedging by sales in the pit, as they would be without this demand. The outside speculation in provisions is still very small, and this has a tendency to confine the fluctuations to narrow limits. The arguments in favor of lower prices are the prospective large hog receipts both here and at the Western packing points, the tight money market, and lack of outside speculation. It is generally believed that after next Tuesday the money market will loosen up and borrowers will not experience the difficulty they do now in getting accommodations at the banks. Friday the market was quiet and the fluctuations confined to narrow limits. The fluctuations for the past week in the December and January options are shown by the following table:

### THURSDAY, OCTOBER 22.

	Open.	High.	Low.	Close.
PORK—				
December..	6.97½	7.10	6.90	6.90
January....	7.85	7.97½	7.75	7.75
LARD—				
December..	4.20	4.22½	4.17½	4.17½
January....	4.40	4.47½	4.37½	4.40
RIBS—				
December..	3.65	3.65	3.60	3.60
January....	3.85	3.95	3.82½	3.82½

### FRIDAY, OCTOBER 23.

	Open.	High.	Low.	Close.
PORK—				
December..	6.95	7.00	6.95	7.00
January....	7.85	7.90	7.77½	7.87½
LARD—				
December..	4.22½	4.22½	4.20	4.22½
January....	4.40	4.47½	4.40	4.45
RIBS—				
December..	3.65	3.65	3.65	3.65
January....	3.85	3.90	3.82½	3.87½

(Continued on page 19.)

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THE BEST ON THE MARKET.

[Correspondence Invited.]

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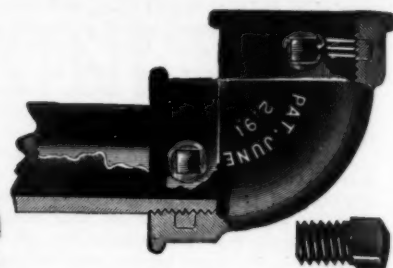
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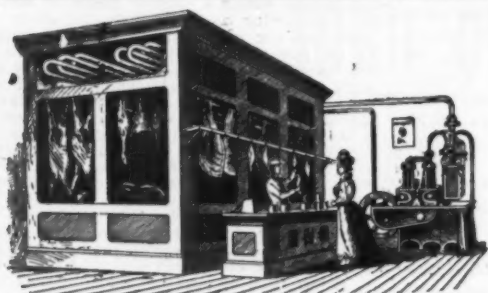
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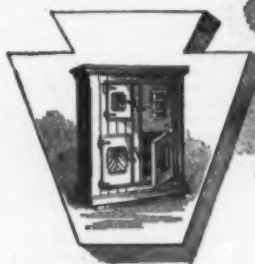
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## HIDE AND SKIN MARKETS.

### CHICAGO.

**PACKER HIDES.**—It is claimed by all the packers that prices are very firm, and they are not disposed to listen to anything like concessions, though it is generally admitted that the 35,000 hides that the United States Leather Co. bought a few days ago, were at a ¼c. off from quotations. The tanners have been holding off for some time, and it does not take long for the packers to get restive under such conditions, so that they will make efforts to move their stock. When the buyers keep out of the market the hides accumulate rapidly, even though the kill is light. That no doubt accounts for the trust being able to buy a large block of hides at ¼c. off. It is a serious question with the tanners when hides are steadily moving upward and leather prices remain about in the one place. It is true that on some grades of leather there has been a fair advance, but as a whole the advance has been very small as compared to hides. The reader may think that with the sale mentioned at a ¼c. off the quotations should be lowered accordingly, but the packers claim that prices are to-day at least ¼c. above prices of that sale. We quote:

**NATIVE STEERS,** 60 lb and up, 9@9¼c., though it is claimed that 9¼c. is as low as they can be bought at.

**LIGHT NATIVE STEERS** are now held at 8¼c. Butt branded steers, 60 lb and up, are now quoted 8c., with sale to the company at 7¼c.

**No. 1 TEXAS STEERS,** 60 lb and up, have sold freely. Beside the 8,000 taken by the company, about 5,000 more were sold at 8c., which may be considered the quotation.

**No. 1 COLORADO or SIDE-BRANDED STEERS,** 60 lb and up, can be quoted at 7@7¼c. Of this class the company took 8,000.

**BRANDED COWS,** 7@7¼c., with sale of 7,000 at 7c. No. 1 native cows, 50 lb and up, are held at 9c., with the lights at 8¼c. Bulls, 6@7c. for natives, and 5¼c. for branded.

**CHICAGO COUNTRY HIDES.**—The market is strong, yet there is a determination on the part of the tanners not to follow up advancing prices. Indeed, the situation of the leather market is such that tanners cannot pay higher prices for beef hides unless they are willing to face certain loss. The leather market has not responded to the advance in hides, and tanners say that it will not for some time to come at the best.

**BUFF HIDES,** 40 to 60 lb, 7¼@8c., though 8c. at present time is considered an extreme price, and 7¼c. is probably nearer the correct figure. Extreme light hides, 25 to 40 lb, are held at 8¼c. for No. 1's and 7¼c. for No. 2's, with talk of ¼c. less.

**NATIVE STEERS,** 60 lb and up, free of grubs and brands, 8c. for No. 1's, with 7c. for No. 2's.

**SIDE-BRANDED STEERS** unchanged at 6¼c. flat. Heavy cars, 60 lb and up, free of grubs and brands, 7¼c. for No. 1's, with No. 2's at 7¼c.

**SIDE-BRANDED COWS** flat, 6¼c.

**BULL HIDES** have met with better demand at 6¼c. for No. 1's and 5¼c. for No. 2's.

**CALF SKINS,** 7 to 15 lb, remain steady, with moderate demand. One lot sold at 9¼c. for No. 1's and 8¼c. for No. 2's. City skins bring ¼c. more.

**KIPS,** 15 to 25 lb, 8¼c. for No. 1's and 7¼c. for No. 2's.

**DEACONS,** 40@45c.

**SLUNKS,** 20@25c.

**HORSE HIDES** are in better demand at \$2.50@2.75.

**SHEEP SKINS and PELTS** are firmer, with a better demand for wool. October butcher skins, 42¼@45c. fl., with recent sales at these prices.

### NEW YORK.

**GREEN SALTED CITY HIDES.**—The market is firm, but quiet. Salters are not anxious to make sales, and at least one salter is not offering hides at all, preferring to wait until "after election," which is now very close at hand. We quote:

**NATIVE STEERS,** 60 lb and up, at 8¼@9¼c. This seems a wide range, but while the best stuck throat natives sell at 9¼c., there

are other cut-throats and not so well taken off, that will not sell for more than 8¼c. There has been no weakening in the hide market, and natives especially are very firm. Butt branded steers, 60 lb and up, are now quoted at 7¼@8c., the difference being for the same reasons as those given above.

**SIDE-BRANDED STEERS,** 60 lb and up, 6¼@7¼c., only the very best cut-throats bringing the outside quotation.

**COWS,** 7¼@7¾c., selected, with ¼c. in favor of stuck-throats over cut-throats.

**COUNTRY HIDES.**—The market is active, but receipts are light. Those coming in are mainly cows. The prices at country points are too high to meet the views of city dealers, and beside, country salters usually want to sell flat and are not willing to make proper allowance between "flat" and selection. We quote cows delivered in New York, selected, 7¼c.; flat, 7c.

**CALF SKINS.**—The market is steady and firm, with reported advances of from 1 to 2 cents per pound, so that we quote No. 1 country skins selected here at 12@13c. per pound for No. 1's, and 9@11c. for No. 2's.

**HORSE HIDES** are in better demand, and good lots of No. 1 hides can be quoted \$2.75@2.85.

### BOSTON.

**HIDES.**—The offerings are light and the market is very strong, though tanners seem disposed to wait, believing that as the season for a large country kill is now here, that buff hides will be more plentiful soon, and that there will be a decline in prices, though dealers claim that there is no probability of a surplus, and do not look for lower prices. The

New England hides are firm at 7¼c. flat, and all receipts are readily taken.

**CALF SKINS** meet with ready sale for fresh taken off stock, but old or badly handled skins are not much in demand.

**HIDES.**—The market is firm and active and dealers have been making more effort to secure country hides, but the competition has been so strong that prices at country points are too high to show any profit.

**CALF SKINS.**—The market is stronger, with slight advances on both city and country skins.

**SHEEP SKINS.**—There is an active demand for fresh stock, but for all others the market is quiet.

### KANSAS CITY.

There is no doubt but that the position of the packer hide market is very strong, and seemingly on a very firm foundation. Leather has at last been aroused from its depressing slumber and shows considerable life. There is no doubt but that the packers are preparing for higher prices, and if the polls show a McKinley election on Nov. 3, it is hard to say how high native steers will go, and Texas not far behind, for this grade will be short this year. One of the largest packers now refuses to sell anything that cannot be shipped out this, the last week of our uncertainty. Not even would he sell a car, which the purchaser desired to hold in his cellar until after the election. This packer wishes to have no low priced shipments to make when the present 9¼c. steers will be held at 10. Another of the larger packers whose sales in past ten days have been so large that it will take four gangs working steadily all this week to clean out the 30,000 hides, refuse to sell hides unless at ¼c. per lb above the present selling prices of Chicago. If it were possible for the packer to ship out this week, and so save the difference in freight on such hides—for all rates advance after Nov. 1, he may condescend to sell at present prices, but as such is impossible, the determination is to have no low priced sales on hand after election day. The packers are closely sold up, and if all the great hide centers are as bare of stock as Kansas City, then look out when the "other" tanners come into the market. There are a good many tanners now living from hand to mouth that must have stock or shut down their works, and if they must purchase they will have to pay the asking price—for there is nothing to make the packer a bear on his own goods, and the packers to a queen's taste know how to pile on the values. They are very confident of a victory for sound money—and even if there should be—terrible thought!

—a flop of that banner "yellow on the breeze," they really have nothing to regret, as they have sold very, very close to slaughter at first-class prices. However, the thought of defeat troubles them very little, indeed. A 10c. market for native steers and 9c. market for Texas steers already a little low to cover their ideas. The hide salesman will not hazard a thought openly as to where he expects the market to go, but when you ask him he smiles all over with the broad expectancy of hope. The query then: Will the tanners follow? To certain extent—and there seems no doubt but that the highest prices paid in the next twelve months will be paid before McKinley takes his seat. So much hope is built on McKinley, that woe to him and his party if they open not a path to prosperity. Now it is high treason to doubt an almost golden age—"and yet, and yet, we cannot forget" that he, even he, may fail. But though the packer hide salesman's heart is set to victory—still he is too sensible to doubt for a second the ultimate prosperity of the country even if the other "bold, bad man" should win. We may have a few dark weeks, may have a baby panic in Wall street—but the country too rich in mineral and agricultural wealth to stay in the dumps.

### SUMMARY.

To sum up the whole situation, it only need be said that prices of everything are strong, with a tendency upward. It is true that within a week some sales of hides were made at what some claim was a drop of ¼c., but that would have to be counted from the extreme point, and now all classes of hides are held at the highest point at which any have been sold, and some of the salters do not offer any hides and don't intend to until the election is over. As to country hides, the market is strong, but quiet. Tanners of upper stock cannot see their way clear to pay present prices while they are selling leather at only a very small advance, and consequently are holding back, though most of them admit that they have but few hides on hand. There is a determined opposition from shoe manufacturers against paying any higher rates for leather, and claim that last year's fiasco will be repeated if prices advance. While this may be true, it does not look so at present to one in full touch with the raw stock market. Rather it looks as though for a considerable time to come raw stock will maintain its present standard, and that being so, leather must advance, or tanners go out of the business. Taken from all points, the market is in a very strong position, with indications that it will not only hold its present strong position, but with more probability for an advance than for a decline.

### CHICAGO PACKER HIDES—

Native steers, 60 lb and up.....	9 @ 9¼
Butt-branded steers, 60 lb and up.....	7¼ @ 8
Side-branded steers, 60 lb and up.....	7 @ 7¼
Texas steers, 60 lb and up.....	8 .....
Texas steers, 50 to 60 lb.....	7½ .....
Branded cows.....	7 .....
No. 1 native cows, 55 lb and up.....	9 .....
Bulls, No. 1's.....	6¼ @ 7
Bulls, No. 2's.....	5½ .....

### CHICAGO COUNTRY HIDES—

Butts, 40 to 60 lb, No. 1's.....	7¼ @ 8
Butts, 40 to 60 lb, No. 2's.....	7¼ @ 7½
Extreme light, 25 to 40 lb, No. 1's.....	8¼ .....
Extreme light, 25 to 40 lb, No. 2's.....	7½ .....
Native steers, 60 lb and up, No. 1.....	8 .....
Native steers, 60 lb and up, No. 2.....	7 .....
Side-branded steers, flat.....	6¼ .....
Heavy cows, 60 lb and up, No. 1.....	7½ .....
Heavy cows, 60 lb and up, No. 2.....	7 .....
Side-branded cows, flat.....	6 .....
Bulls, No. 1.....	6½ .....
Bulls, No. 2.....	5½ .....
Calfskins, No. 1.....	10 .....
Calfskins, No. 2.....	8½ .....
Kips, No. 1.....	8½ .....
Kips, No. 2.....	7 .....
Deacons.....	40 @ 45
Slunks.....	20 @ 25
Horse hides, No. 1.....	260 @ 275
Horse hides, No. 2.....	160 @ 175

### NEW YORK—

Native steers.....	9 @ 9¼
Butt-branded steers.....	7¼ @ 8
Side-branded steers.....	6¼ @ 7¼
Cows, flat.....	7½ @ 7¾
Bulls, flat.....	6¼ @ 7¼
Country cows, No. 1.....	7½ .....
Country calfskins, No. 1, per lb.....	12 @ 13

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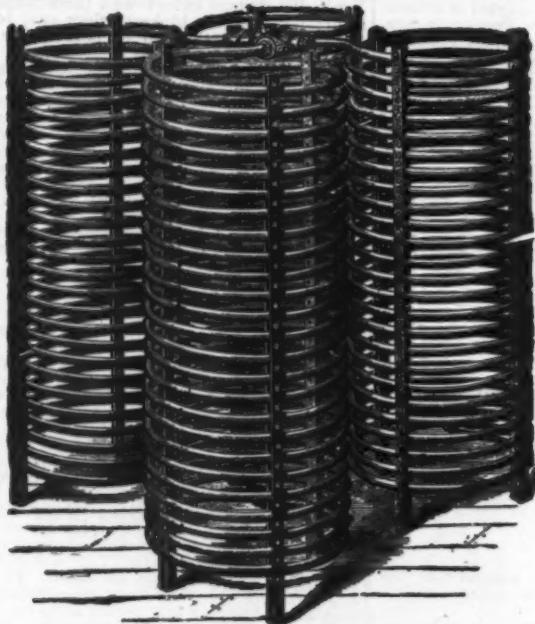
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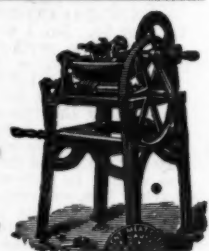
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### COTTONSEED OIL AND MEAL. HYDRAULIC PRESS DEVICES FOR SUPPORTING PLATES.

We take pleasure in placing before the seed crushing trade a press device, which is a very important improvement when compared with those which are in nearly all instances in use in oil mills. Those upon whom the responsibility devolves of superintending or managing an oil mill in which presses are operated fitted with the link system have necessarily had the unpleasant truth forced upon them that the links referred to are a frequent source of inconvenience. A link breaks when the ram is descending, let us say, and the result is immediate disorganization of the system, as regular running time cannot be made under such conditions. The simple device which we recommend is not new, as it was patented a number of years ago by William M. Force, of Newark, N. J., but it is comparatively unknown. There are few mills which have it in use, but they are the exception.

The rack, or stepladder system, which it is aptly termed, once adjusted to the sides of the press for the purpose of sustaining the press plates in a suitable position for charg-

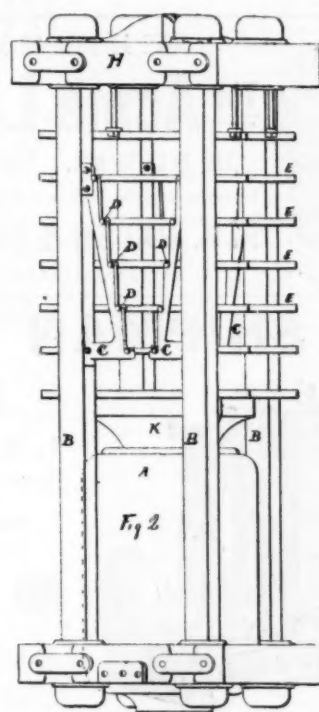
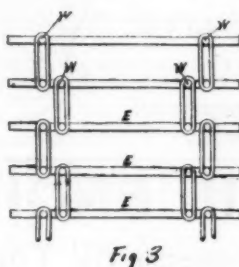
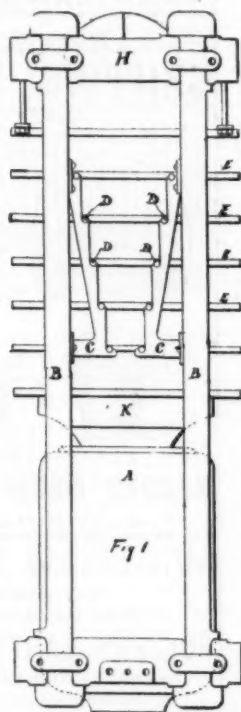
tions, E plates or platform, H cap forming a part of the frame or press, K ram or plunger, operated in the usual manner, etc.

The bed or base, with its uprights, cap and piston, is similar to those in common use and is made of iron, other tough suitable material and in the usual manner. The racks C or other supports upon which the plates E are held in position by their projections D, are made of iron or other suitable material. Said supports may be secured by bolts or screws in the usual way to the standards B. The plates are similar to those in general use, with the exception of the ears or projections D, which are made to rest in the positions prepared for that purpose on the rack or upright.

The usual mat or cloth containing the meal is placed between the plates for the purpose of expressing the oil, which is performed by the moving or raising of the ram, by which means the plates are never forced together, compressing the cake sufficiently to remove the oil which escapes at the outer edges, and from thence conducted to a proper receptacle prepared for the same.

On referring to the drawing it will be seen that the arrangement of the rack is such as to enable the plates to raise up perpendicularly with the action of the ram, and to recede back

is, however, a fruitful source of difficulty. The special tempering treatment which is necessary to produce a press plate which will not break is known to but comparatively few. A correctly designed press plate, suitably annealed, is practically proof against breakage at the ordinary pressure which is used in oil mills. We take pleasure in calling the attention of the trade to a very excellent form of press plate which was designed and patented several years ago by a prominent Western linseed oil manufacturer. The plates which were previously used were largely made of wrought or cast iron, and had hair or metal mats combined with them, or secured to their opposite faces for action, or against the canvas coverings or wrappers containing the ground seed, a series of such hair or metal mat-faced plates having the substance to be compressed between them being arranged between the press and the plates proper, having gutters for carrying off the oil. Such combined metal and hair or metal mat-faced plates are not only bulky, taking up much room in the press, but the hair mats, which are made with thickened outer edges to prevent the meal from squeezing out when the pressure is put on, are lacking in durability, and are otherwise objectionable. Their use



ing and emptying, absolutely requires no further attention. It can never get out of order by any possible chance, the first cost of setting up, which is trifling, being the only one connected with it.

The nature of the device, therefore, consists in supporting the plates in the hydraulic press, in such a manner as to dispense with the bolts or links by which the system of plates are secured in their respective positions and making independent supports, by which the same object is secured, with the additional advantage of a cheaper and more reliable arrangement of all the parts, for the purpose of facilitating the oil extraction.

Referring to the drawing above presented, Fig. 1 represents a side elevation of a press with the improved attachment; Fig. 2, a perspective view of the same; Fig. 3, a sectional view of the old plan of suspending the plates with the nuts removed from the bolts W.

A bed or base of press, B uprights, C supports or racks, D ears or other suitable projec-

tions, E plates or platform, H cap forming a part of the frame or press, K ram or plunger, operated in the usual manner, etc. again when the power is withdrawn. The ease by which the plates may be removed independently of each other, by slightly rising one side of the plate (diagonally) sufficiently for the ears to clear the uprights, when the same is withdrawn for repairs and cleaning, is important.

Writer has used the rack described for the past ten years with entire satisfaction, and takes pleasure in recommending it in every instance, where a hydraulic press is in operation.

#### OIL PRESS PLATE.

Very considerable difficulty is at times experienced, in the breakages of plates in hydraulic presses in cotton oil mills. The trouble may be traced to various causes differing with the conditions under which they are operated. In some instances, owing to an improper distribution of the cooked meats on the moulding frame, which results in the application of uneven pressure, breaks frequently happen.

The metallic composition of the plate itself

is not by any means obsolete, unfortunately.

This form of plate (see illustration next page) has for its object the dispensing with these hair or metal mat-faced plates, and to make the metal plates so that they also constitute or comprise the mats and consists in a peculiar construction whereby the same may be readily made to retain their proper form to prevent the meal from squeezing out when the pressure is put on, with every provision for escape of the expressed oil, and space is economized in the press, so that a larger number of plates and greater quantity of material to be compressed may be inserted to make up a single charge, a more efficient action is obtained, and an increased durability given to the plates.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Fig. 1 represents an end view of a pair of improved oil press plates with a package of



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PLATE 405.

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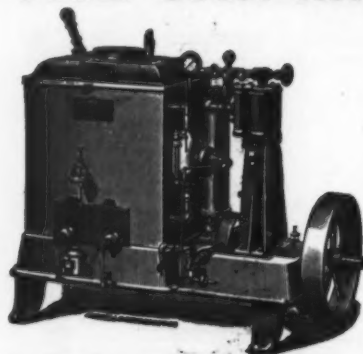
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Lard and Oil Refiners and Soap Manufacturers pronounce our Earth the best on the market.

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KETTLE-RENDERED

LEAF LARD

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ground cottonseed or flaxseed, or other substance to be compressed partially inclosed in a canvas cover, which is shown in section, placed between them, as said package appears in the press. Fig. 2 is a plan view of the improved plate, and Fig. 3 is an inverted plan view of the same.

Each plate A is made of, or from, a series of thin sheet iron or metal plates a b, which may be compressed into shape cold, and after being laid one upon the other are united together by rivets c, thereby making a stiff com-

Fig. 1

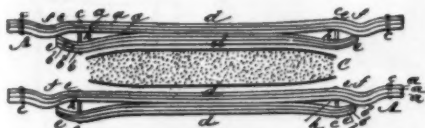


Fig. 2

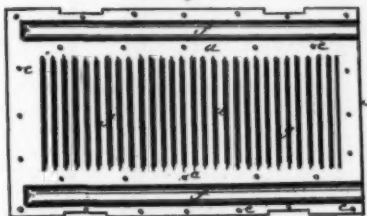
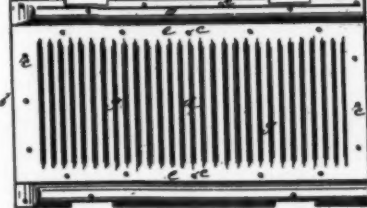


Fig. 3



bination plate that can be most advantageously used for oil pressing purposes, and is durable and occupies a reduced space in the press. These combined plates are shaped to present transversely concave surfaces d d on their opposite exterior faces, leaving thickened or outwardly protruding sides e e, to prevent the meal from squeezing out when the pressure is put on, and virtually forming mats as well as plates. The upper layers or sheets a a are of greater width than the lower layers, or sheets b b, and have the usual gutters f f arranged in or along their sides for the oil as it is expressed to run off, and the opposite faces of the combined plate are corrugated, as at g, for the like purpose, the corrugations of each plate being arranged so that if the plates were placed directly one on top of the other their corrugation would fit one into the other. The spaces h, left by the bulging sides of the lower layers of plates b, may if desired be filled with melted zinc or other metal.

C indicates the canvas covered package containing the seed or substance to be compressed for extraction of the oil.

By using these mat-like plates as many as 22 cakes can be put into the press, where 10 to 15 only with the hair or metal mat-faced plates are ordinarily inserted.—American Fertilizer.

#### CONSULT US.

Sometimes your tallow is off in color and flavor; sometimes your cotton oil does not bleach well; sometimes your canned goods "blow up;" sometimes your sausage seasoning does not meet with general approval; sometimes your glues run on the nets, they may sometimes turn black and sour. You may not know what the trouble is. We do. That's our business.—The National Provisioner Analytical Laboratory.

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Acid and Waterproof.

For Painting of Storage Tanks, Iron Pipes, etc.

Correspondence Solicited.

## COTTONSEED OIL.

### WEEKLY REVIEW.

The past week has been the dulllest one on the present crop if not on the last. There has been scarcely a buyer in the market, either home or export, for refined or crude. Everybody has been waiting for lower prices, or for election, or the sweet bye-and-bye, and few seem to know which. But an undefinable something has scared buyers all out of the market, as completely as a Millerites' prophecy, that the end of the world was coming, would have done. There has really been no change in the situation since the late activity and strength, except that the trade then anticipated their wants for the near future, and are not compelled to buy. Therefore they can wait until this sentimental depression has passed away. This is equally true both of refiners and exporters. On the other hand, sellers have not been disposed to press business, whether because it would have been useless or because they believe in a near recovery of late prices and demand, it is hard to say. Really, there has been no market, and there is very little to be said, that has not been repeated during the last three weeks in regard to the situation. Supplies are either light or moderate, and current production is largely going on sales lately made, though there are some unsold arrivals dribbling on the market, which can be moved only at concessions, in the present state of the money market. Of course, there are some distressed lots and holders, in such a period of money stringency, but they have been comparatively few. As to the operations of the mills at the South, there has been little news the past week, and production is supposed to be about as it has been since they generally started up, to fill contracts made during the last month. Prices of seed have not been changed so far as reported, ranging all the way from \$7 to \$11, according to locality. Compound lard refiners are only using moderate amounts, as the demand for their product is still very limited, with the price practically the same as that of pure lard. Outside the Southern Atlantic coast, there has been scarcely anything done in crude; in fact, nothing so far as reported, during the week, there appearing to be no business or disposition to do business at Texas or Mississippi Valley points, indicating that the Western refiners are entirely out of the market. The few tanks that have been done at the Southeast coast, have been principally for the New York market. Of these sales 1 tank was made on Monday in South Carolina at 18c; 1 car prime crude New York, ex dock, 23c., and 130 bbls. do. at 22½c.; 1 car prime summer yellow 26½c. f. o. b., at which there were free sellers and few buyers at 26c.

On Tuesday the market for refined was the same, without transactions reported, except of 500 bbls. at 26½c. but a tank of crude sold

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**PACKING HOUSE PLANTS.** We make plans for modern Packing House Plants, with machinery of the latest design for Killing, Rendering, Refining and Making Oleo, Neutral, Glue, Fertilizer, etc. Our plants embody all the most advanced ideas.

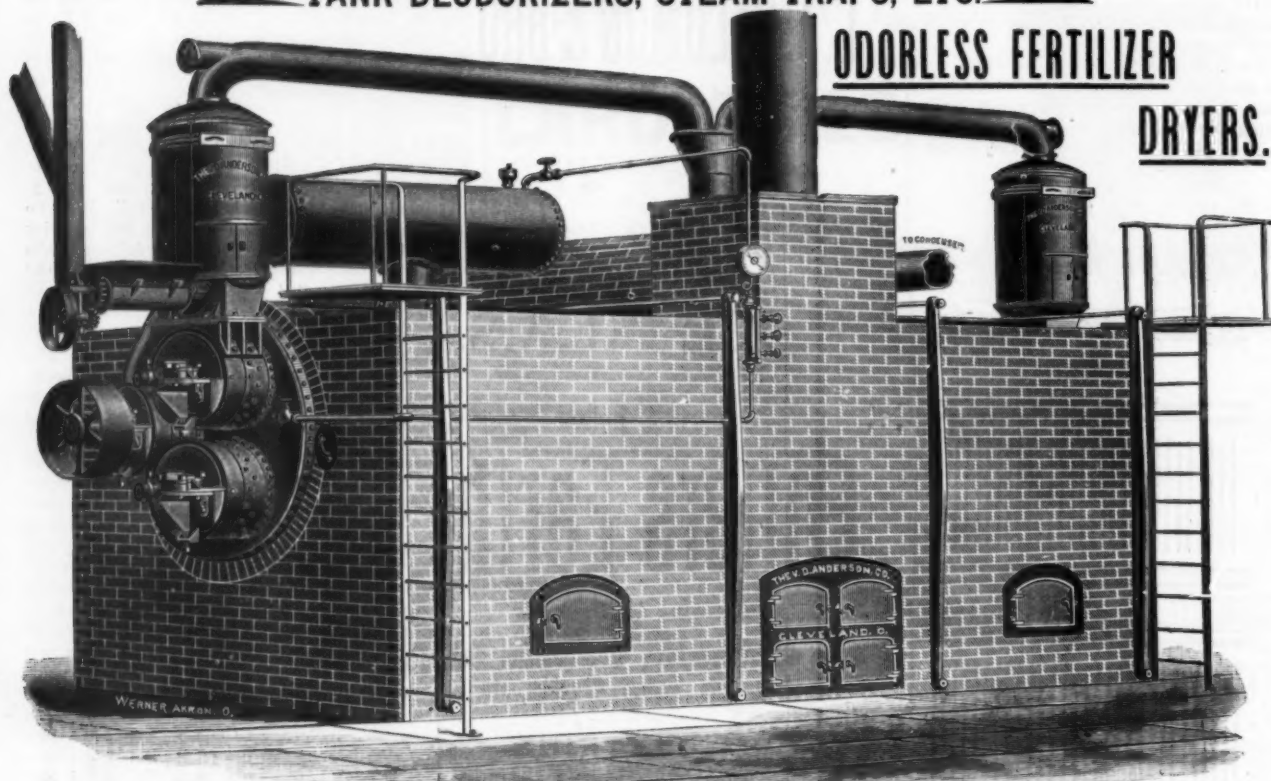
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ANDERSON IMPROVED THREE CYLINDER DRYER. LARGEST AND MOST ECONOMICAL DRYER MADE.

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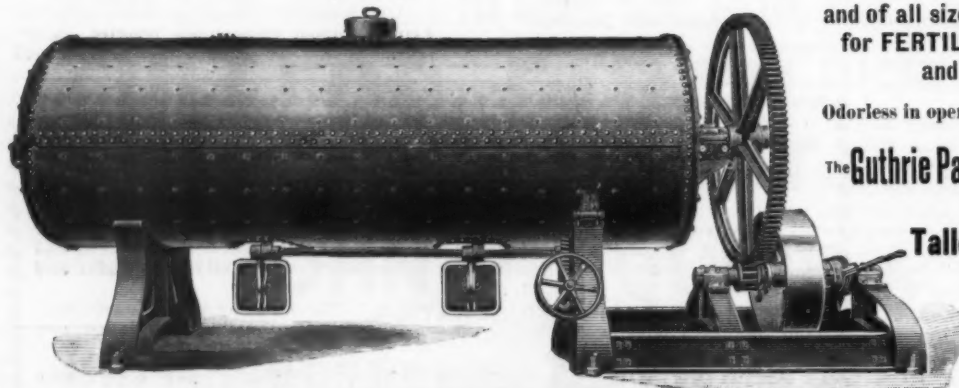
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at the Atlantic coast short freight at 18½¢. On Wednesday 500 bbls. more of prime summer yellow were reported done recently at 26½¢., but there was not a transaction on that day, and not a buyer in the market even at 26¢., which would little doubt have been accepted. There were 3 cars more of tank sold at Southeast coast points at 18¢. for crude. There were also small sales of prime winter yellow at 33¢. New York, while prime crude in bbls. was offered at 22½¢. and probably a bid of 22 would have been accepted. Prime white has been scarce and held more firmly than other grades at 29¼@30¢., but no demand, nor sales have been heard of to test the market. Butter grades have been quoted 28@29¢. but no sales have been reported to this writing. Thursday's markets were almost nominal; entirely so on refined of all grades at 26¢. asked for prime yellow, while only 3 tanks of crude were reported at 18¢., at Southeastern mills. No cake is offering at North and but little meal, at \$19 to \$19.25, more in job lots. Not a bid on refined was reported.

As most of the sales of crude at the mills have been from Georgia of late, the demand for seed in that State has carried prices higher than yet, with some excitement in the markets of that section, but extreme prices paid are not reported, though it is understood to be above \$11.

Friday's markets were wholly nominal at 26¢. asked, yellow and not a bid reported with 18¢. asked at near Coon mills and 17½¢., the best reported bids by New York refiners; all other kinds, equally nominal, at quotations following report. There will be no business until after election, said a prominent exporter in any grade.

**COTTONSEED OIL.**—Cottonseed, crude, prime, 22½¢; summer yellow, prime, 26 nominal; loose, f. o. b. mills, 18@20; summer yellow, off grade, 25@25½¢; yellow, butter grades, 28 nominal; white, prime, 29@29½¢.

#### ROTTERDAM REVIEW.

There is no change to report when comparing the position and the demand of the provision market with a week ago. For the time of the year the demand remains very brisk, the small stock and the advancing Chicago markets enable the importers to advance their prices also, resulting in a very satisfactory trade.

Packers have been asking much higher prices; at one day last week offers advanced 2½ florins per 100 kilos, the 30 to 40 lb short fat backs, which this year sold very low at 23 fl., are now offered at 30 fl.; an offer below this price, which was at the market last week, resulted in a few small transactions. There is an idea at present by those whose stocks are much reduced to replenish it by buying on shipment from the States. In the near future it is quite likely that offers for immediate shipment only will draw the attention, because there is a general feeling that the present advance will prove to be of a very temporary nature; also has to be regarded that the heavy losses of this year have made the importers too cautious and must be taken into consideration with regard to this feeling.

No change has to be reported in regard to prices and receipts of hogs. It seems the hog disease is not assuming larger proportions. As to the future supply and quantity of hogs in farmers' hands a reliable estimate cannot be made at present.

Oleo oil last week was higher again. Extra qualities sold at 55 florins, and even as high as 1 florin more; second quality, 40@49 florins. Second hand holders who have been making a very nice profit sold at under these prices rather liberally. The stock of oleo being very small, not much could be done. After discharge of the steamer Spaarndam the demand was rather dull, but as next week nearly nothing is expected, the importers quietly assume a waiting tendency. Sales for the week amount to 1,720 tierces, of which 1,205 on shipment; stock, 1,720 tierces; shipments, 4,477 tierces.

Neutral lard also sold at higher prices; in small quantities even as high as 45 florins. On shipment large quantities were sold.

Cottonseed oil very firm and higher; choice butter grade old crop oils were sold at 26 florins; large quantities new crop oil have been sold.

#### ROTTERDAM OLEO REPORT.

The following sales were cabled up to October 31, 1896:

- Oct. 20. Supreme Extra sold at 50 florins.
- " 21. Orange King sold at 54 florins.
- " 21. Harvey Extra sold at 53 florins.
- " 27. Eastman Extra (100/150 tcs.) sold at 48 florins.
- " 27. Morris Extra (100/150 tcs.) sold at 48 florins.
- " 27. Swift Extra sold at 48 florins.
- " 27. Brilliant Extra sold at 46 florins.

Sales for the week, 1,200 tcs.

Oct. 24. stock in first hands, 750 tcs.

Stock afloat, Oct. 24.—Per stmr. Delano, from Balto. October 10, due October 24, 620 tcs.; per stmr. Veendam, from New York, October 15, due October 26, 2,229 tcs.; per stmr. Durango, from Balto. October 17, due October 31, 294 tcs.; per stmr. Werendam, from New York October 19, due October 30, 1,472; per stmr. Obdam, from New York October 24, due November 4, 1,924 tcs.; per stmr. Tampico, from Balto. October 21, due November 6, 665 tcs. Total, 7,204 tcs.

Oct. 24. London Cable Reports: Butter—Market firm; Margarine—Market firm.

Imports into Great Britain for week ending Oct. 17, 1896: Butter, 51,897 cwt.; margarine, 21,701 cwt. 1896—butter, 53,000 cwt.; margarine, 22,000 cwt.

#### Exports of Oleo Oil to Rotterdam.

United, 80; Eastman, 100; S. & S., N. Y., 282; S. & S., Kansas City, 192; Martin, 120; Armour, 1,079; Swift, 65.—Per S. S. Obdam, from New York, Oct. 24. Union Stock Yards, 75; Armour & Co., 350; Hammond, 180.—Per S. S. Tampico, from New York, Oct. 25.

E. H. FERGUSON, President. R. C. WAGGENER, Treasurer. J. J. CAFFREY, Secretary.

## KENTUCKY REFINING CO.

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"ECLIPSE" BUTTER OIL.

SUMMER { White (1/3 Oil.  
          { Yellow C/S Oil.

"SNOWFLAKE" PRIME SUMMER WHITE.

WINTER PRESSED { White C/S Oil.  
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SUMMER AND WINTER WHITE "MINERS" OIL.

YELLOW AND WHITE COTTONSEED STEARINE.

CRUDE C/S OIL. "RED STAR" SOAP. SOAP STOCK.

TANK CARS FURNISHED FREE FOR SALES OR PURCHASES.

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"SNOWFLAKE" PRIME SUMMER WHITE. This oil is prepared especially for Lard Compounding; is sweet and wholesome, being bleached without a particle of acid. A trial means you will use no other.

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"KENTUCKY REFINING CO.'S" WINTER PRESSED OILS. Guaranteed pure and to remain bright and limpid at 32° Fahr. The very best made for any climate.

Quotations furnished upon application.

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FOR LARD COMPOUNDING.

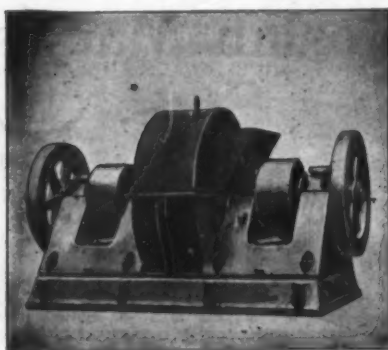
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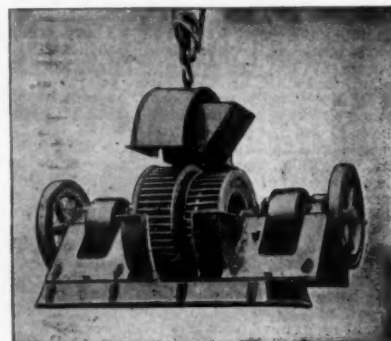
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Are used by nearly every large packing house and fertilizer establishment in the United States. References:

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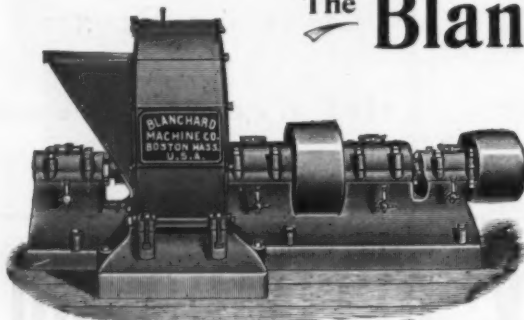
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WILL GRIND Bone, Glue, Glue Stock, Guano, Meat Scraps, Oyster Shells, Tankage, Soap Powder, Soft Phosphates, Sheep Skulls, or any friable material. The lubrication and dust proofing have been lately perfected, and the machines will do heavy work with ease.

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## CHICAGO PROVISION MARKET.

(Continued from page 9.)

SATURDAY, OCTOBER 24.				
	Open.	High.	Low.	Close.
PORK—				
December..	6.97½	7.00	6.97½	6.97½
January....	7.80	7.95	7.80	7.87½
LARD—				
December..	4.22½	4.30	4.22½	4.25
January....	4.42½	4.52½	4.40	4.47½
RIBS—				
December..	3.65	3.65	3.65	3.65
January....	3.87½	3.92½	3.85	3.87½
MONDAY, OCTOBER 26.				
	Open.	High.	Low.	Close.
PORK—				
December..	7.10	7.10	7.05	7.05
January....	7.87½	7.95	7.87½	7.90
LARD—				
December..	4.27½	4.32½	4.27½	4.32½
January....	4.50	4.55	4.50	4.52½
RIBS—				
December..	3.70	3.70	3.70	3.70
January....	3.87½	3.92½	3.87½	3.90
TUESDAY, OCTOBER 27.				
	Open.	High.	Low.	Close.
PORK—				
December..	6.97½	6.97½	6.95	6.97½
January....	7.80	7.85	7.72½	7.82½
LARD—				
December..	4.30	4.30	4.25	4.30
January....	4.50	4.50	4.42½	4.50
RIBS—				
December..	3.62½	3.62½	3.60	3.62½
January....	3.82½	3.87½	3.80	3.87½
WEDNESDAY, OCTOBER 28.				
	Open.	High.	Low.	Close.
PORK—				
December..	6.82½	6.90	6.82½	6.90
January....	7.75	7.80	7.65	7.80
LARD—				
December..	4.20	4.30	4.20	4.30
January....	4.45	4.50	4.42½	4.50
RIBS—				
December..	3.60	3.65	3.60	3.65
January....	3.82½	3.87½	3.80	3.87½

The entire range of prices for the week was but 32½¢ on pork, 17½¢ on lard and 15¢ on ribs, and the close on Wednesday is just about the same on pork and ribs as a week ago, and 10¢ higher on lard.

NORTON & WORTHINGTON say of the market that the situation is without any special feature. The packers are cutting for the cash trade, and speculation is very light. They consider provisions a purchase for a scalp on any soft spot and a sale on the budges.

## CASH PROVISIONS.

The inquiry for cured meats, as reported by Tredwell & Simpson, is good, and still largely in excess of the supply. Most of the offerings on sweet pickled hams are forty to fifty days old; very little fully cured to be found. Green hams, 14 average, 7½¢; 16 average, 7½¢; 18 average, 6½¢; 20 average, 6½¢; 18 to 20 average skinned hams, 6½¢; green picnics, 6 to 8 average, 4¢; 8 to 10 average, 4¢; bellies, 8 to 10 average, 6½¢; sweet pickled hams, 16 average, 40 days old, 8½¢; sweet pickled hams, 18 average, 40 days old, 8½¢; sweet pickled hams, 18 to 20 average, 45 to 60 days old, 7½¢; sweet pickled hams, 20 average, 40 days old, 7½¢; sweet pickled hams, 20 average, cured, 7½¢; sweet pickled hams, 18 to 20 average, skinned, 8½¢; sweet pickled hams, 18 to 20 average, skinned, 50 days old, 8½¢; sweet pickled hams, 15 average, November or December delivery, 7½¢; sweet pickled hams, 18 average, November or December delivery, 7½¢; sweet pickled hams, 20 average, November or December delivery, 7½¢; sweet pickled hams, 20 average, December delivery, 7½¢; sweet pickled hams, 18 to 20 average, skinned, December delivery, 8½¢; sweet pickled picnic hams, 5 to 8 average, 4½¢; sweet pickled picnic hams, 7 average, 4½¢; sweet pickled picnic hams, 8 average, 4½¢; sweet pickled bellies, 7 to 9 average, 6½¢; 8 to 10 average, 6¢; 10 to 12 average, 5½¢; pig pork, \$6.50; short cut pork, \$7.50; fat back pork, 40 to 50 pieces, \$7.25; mess pork, \$7.15; regular back pork, 30 to 35 pieces, \$8; dry salted regular short rib sides, 60 average, \$3.70; dry salted regular short rib sides, 55 average, \$3.75; dry salted regular short rib sides, 50 average, \$3.85; dry salted cut short rib sides, 45 average, \$3.55; dry salted extra short rib sides, 40 to 45 average, \$3.70; dry salted extra short clear sides, 40 to 45 average, \$3.70; dry salted short clear backs, 30 average, \$4.10; dry salted short rib backs, 30 to 33 average, \$3.65; dry salted clear fat backs, 18 to 20 average, \$3.70; dry salted clear fat backs, 25 to 30 average, \$3.70; dry salted clear bellies, 25 to 30 average, \$4; dry salted clear bellies, 22 to 25 average, \$4.05; dry salted clear bellies, 16 to 18 aver-

age, \$4.50; dry salted clear bellies, 20 average, \$4.30; dry salted rib bellies, 20 to 25 average, \$4.05; dry salted plates pickled and salted, 6 to 8 average, \$3.55; bacon regular short rib sides, 60 average, \$4.10; bacon regular short rib sides, 55 average, \$4.15; pure lard, 4½¢; compound lard, 4½¢.

## CHICAGO NOTES.

Mr. Frazer Chapman, an extremely popular gentleman, who for many years has been the office manager for Nelson, Morris & Co., will leave their employ the latter part of November. His plans for the future are not yet determined.

It is reported that Messrs. Glick Bros., who are relatives of the owners of the Siegel-Cooper Co., and who were formerly engaged in the casing business in Chicago and New York, will enter this business again. Rumor has it that some large firm of packers will be interested in the new corporation.

A rumor has been in circulation that the United States Leather Co. has bought from Swift & Co. and Nelson Morris & Co. the leather they have on hand and in process of manufacture, the value of the leather being nearly \$2,000,000. A man closely associated with the leather company is quoted as saying that the company has an enormous stock of leather on hand, and although this has been to its disadvantage for nearly a year, nevertheless the property is valuable and will eventually be sold. The demand for leather after election is certain to be very large, and in view of the advance in hides leather is certain to go up. He looks for very large sales this winter, which will probably permit resumption of dividends on the preferred stock.

TALLOW AND STEARINE.  
WEEKLY REVIEW.

Tallow has been almost a total blank since our last, so far as city was concerned, in the New York market, having been offered at 3½¢, the closing price of last week, with very few buyers or bidders even at 3½¢, without a transaction reported up to this writing. Country has been very quiet also with no buyers outside of the local soap trade, which have taken from 50,000 to 100,000 lbs. a day at 3½¢@3¾¢, as to quality and edible, 3½¢@4¢. In the West trade has also been quiet, although there has been more done at Chicago than at Eastern points. A decline of last week to 4¢, for choice packers' grade. St. Louis, however, has reported light stocks and a firm market at the late advance, but other interior and seaboard points have been accumulating stock for the last two or three weeks as well as New York, which must now have between 2,500 and 3,000 hhds. of city. As to the situation in the English markets, as well as in Northern Europe, Mr. Marc says they have big stocks of Australian, and that he

had not had a cable from those markets for a week, although Southern Europe markets and Marseilles were showing a little more interest in our markets and making some bids at a little under quotations on this side. Yet the French markets have good stocks from late purchases and more recent shipments from this side, as the latter are still going forward, on old contracts, to some extent, though pretty generally cleaned up.

On Saturday no transactions whatever were reported and prices were nominally unchanged.

On Monday 100,000 lbs. country tallow were sold in New York at the above quoted range, and 75,000 lbs. additional late Saturday at the same price. On that day also 2,500 tcs. choice packers' were sold in Chicago to the local soap trade at 4¢, there being more free purchases than they have recently made.

On Tuesday only 120,000 lbs. of country were reported at 3½¢@3¾¢ for common to prime, and some small lots of edible at 3¾¢@4¢ for country.

On Wednesday 100 tcs. of country were sold at 3½¢ and 100,000 lbs. at 3½¢@3¾¢, the latter edible, all to the local trade in New York.

Stearines have been almost as dull as tallow, although the local lard refiners have bought a little more freely, taking 100,000 lbs. late Friday and Saturday last at 5½¢ for oleo, with the same price quoted in Chicago and no business transacted.

On Monday little or nothing was reported and little inquiry, though pressers claim small stocks at Eastern points.

On Tuesday stagnation still prevailed, in both markets, with quotations nominally ½¢ easier, though city melters in some cases refused 5½¢ in New York for choice brands, while 5½¢ was asked in Chicago with small sales only reported there to this writing so far this week. In lard stearine, there has been practically nothing doing, except it may be small transactions for export not reported. City melters have quoted 5½¢@5¾¢, according to as the lard market was weak or firm, while Western has not been offered in the New York market, though it would have been nominally somewhere about 5¢ to arrive. In lard and grease stearines nothing has been reported and the market has been nominal at quotations given below.

Oils have dropped back in Rotterdam sharply during the week, on the arrival of belated steamers from this side; 750 tcs. of hard brands having been done at the close of last week and early this week, at 48 fl., against 54 the last previous sale reported. This was really the first genuine market there has been for two or three weeks, supplies there having been so light as to preclude all but jobbing transactions. The arrivals since our last have not been very heavy, yet they have been in excess of the limited demand and there are

(Continued on page 31.)

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## Special Machinery

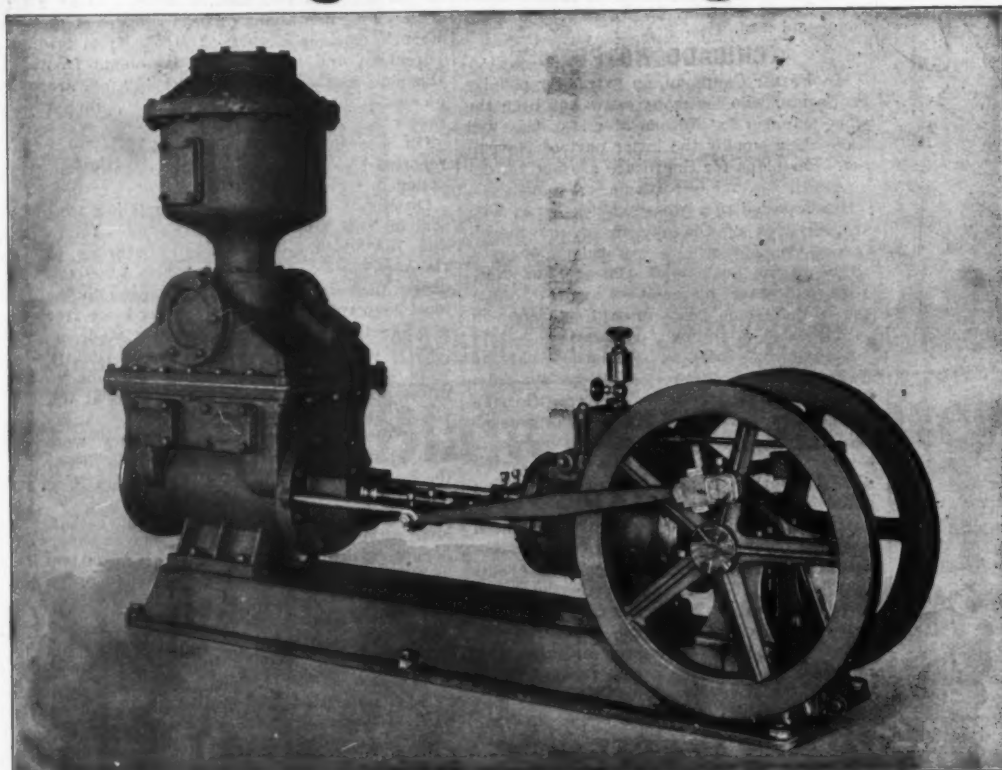
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COMPLETE OUTFITS  
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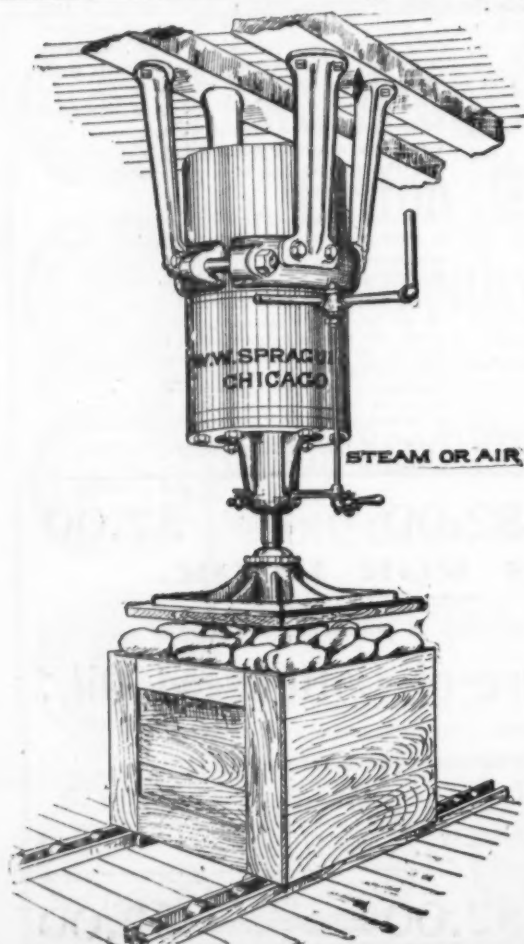
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• The Standard Double Acting Vacuum Pump is for any purpose where the Vacuum process is necessary, such as Sugar Refineries, Condensed Milk Factories, Concentrating Extracts, Chemicals, etc. It can either be used for a dry or wet process. The workmanship and material used in their construction is of the best character.



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BY ADJUSTABLE RING. THIS GIVES AD-  
JUSTMENT FOR LARGE AND SMALL BOXES.  
PISTON HAS AMPLE STROKE WHICH WITH  
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VENIENT OF OPERATION AND ECONOMICAL  
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## The W. W. SPRAGUE CO.

CHICAGO, ILL.



## TECHNICAL. MANUFACTURE OF GLUE

The following articles on the above subject have appeared in "The National Provisioner" on the dates named:

APRIL 25, 1896	"Points on Glue Making."
" "	"About Liming of Glue Stock."
MAY 2, " "	"About Glue Stock."
" 8, " "	"Glues for Various Purposes."
" 16, " "	"Waste of Glue Material."
" 23, " "	"Points About the Water for Glue Factories."
" 30, " "	"About Nettings for Drying Glues."
JUNE 6, " "	"About Coloring Glue."
" 13, " "	"Clarifying Glues."
" 20, " "	"Glue in Coolers."
" 27, " "	"About Drying of Glue."
JULY 4, " "	"About Bone Glue."
" 11, " "	"About Raw Material for Making Gelatine."
" 18, " "	"The Leaching of Hard Bones and Horn Piths."
" 25, " "	"How to Economize Acid for the Manufacture of Gelatine."
AUG. 1, " "	"Cooking of Gelatine."
" 8, " "	"Utilization of By-Products from the Manufacture of Gelatine."
" 22, " "	"The Temperature for Cooking Glue."
" 29, " "	"About Isinglass."
Sept. 12, " "	"The Bleaching of Glue."
" 19, " "	"Preservatives for Glue."
" 26, " "	"About the Foaming of Glue."
OCT. 3, " "	"How to Make Sweet Glues."
" 10, " "	"About New Glue Tests."
" 17, " "	"Recent Improvements and Inventions in the Manufacture of Glue."

### ABOUT THE CRACKING OF GLUED JOINTS.

It is an old established fact that various grades of glue require different time for drying in joints. This is the reason why some goods start to crack in the joints when they are exposed to a dry and hot atmosphere during a certain period. According to the quality of the glue this happens in more or less pronounced manner, especially on veneers. With fast drying glues, if applied, great damage can be done in this respect, very frequently before the goods are even put on the market. This is naturally a great inconvenience to the manufacturer as well as the trade and the glue used on such articles is usually returned to its manufacturer, although the quality of the glue may have been pronounced as A1 by the various laboratories testing them. Very little attention is paid in testing glues as to its liability to crack in joints. Still this is of the greatest importance in certain trades. The lower the temperature used in manufacturing the glue the slower the glue will dry. Glues produced in a temperature of 160 degrees and below, may be called hygroscopic. Glues produced at 180 to 210 degrees, F., from well prepared stock, are generally fast drying glues. If, however, salt remains in such glues they will not dry so fast. Glues produced by boiling under high pressure up to 30 pounds are slow drying, sticky glues.

Green glues, i. e., glues which have not been cut, dried and re-dissolved, are drying very slowly. As the largest quantities of glues are produced at 180 degrees F., and above, it is evident that most of the glues will be fast drying and will therefore have a tendency to crack in the joints if the goods manufactured with them are exposed to hot and dry air. Different remedies have been proposed to prevent this trouble. We mention: (1) The addition of glucose or glycerine to the glue. Both of these substances remain liquid in hot rooms and prevent the glue from cracking as they keep the joints in a somewhat moist condition; at the same time glucose and glycerine are mild preservatives. (2) The in-

corporation of chloride of calcium in the stock. Chloride of calcium is very hygroscopic and retards the drying of glues very materially. (3) The use of chloride of zinc in glues. This salt is also very hygroscopic and is a preservative at the same time. All these remedies will in the same manner cause the glue to dry slow as well in the manufacture of the glue on the drying nets and as in the practical use of such liquors when applied on joints; but these remedies at the same time decrease the strength of the glue to a certain extent. The last runs of bone liquor give slow drying glues on account of the prolonged cooking which these liquors receive either in open tanks or under pressure, and it is far better to run a small percentage of these slowly drying glue liquors into fast drying hide glues instead of adding the above mentioned salts. It is of course evident that glue liquors to be used in this manner must be sweet and free of any strong smell. For instance it will not do to run the last runs of pigs' feet into hide glue liquors. Sometimes it is desired to accelerate the drying of the glue as in the case of the last runs of the bone glues and also of hide stock or fleshing. This can be accomplished by mixing such glue with a relatively large quantity of zinc white or whitening.

### THE ANDERSON IMPROVED JACKET KETTLE.



In rendering fat by the steam jacket method, no more annoying drawback can occur in actual work than a steam leak. Imperfect caulking and defective workmanship bring about this undesirable condition, and we take pleasure in calling the attention of melters and the trades generally interested in this class of machinery, to the high standard of excellence which the V. D. Anderson & Co.'s kettle has attained. This well known firm has most excellent facilities for constructing Steam Jacket Kettles. They guarantee them to be absolutely faultless for the intended purposes. Each kettle is fitted with a special steam trap which keeps it free from condensed water, thus effectually preventing loss of steam and economizing to the greatest possible extent. No attention is required after the steam is turned on the jacket, as the trap regulates the blow-off. The kettles are made of the best flange steel that can be obtained, and are free from stay bolts. The bottom being round it is very convenient to dip out or draw off the fluids which it may contain.\*\*\*

#### THE OLD STORY.



Common Pail with hoops off.



Cable Pail with hoops that can't come off.

#### WOODEN-WARE THAT CANNOT FALL TO PIECES.

## LARD PAILS and TUBS

ALL SIZES.

Cable and Common Hoop, Plain and Hinge Covers.

**MANN BROS. 6 WABASH AVE. CHICAGO, ILL.**

Received Highest Award at World's Fair, Chicago, 1892.

## INSPECTION AND EXAMINATION OF MEAT AND MEAT PRODUCTS.

(Continued from last week.)

**B.—PRESERVED MEATS.**—Among preserved meats are classed all meat products preserved by smoking, salting, pickling, desiccating, boiling, freezing, or by excluding the air. Furthermore, all such meat preparations as powders, extracts, peptones, sausages, which might belong here will be spoken of later on. Flavor, odor and taste decide in most cases whether the product is in any way injurious or not. The tests for preservatives are made as will be spoken of under sausages. The determination of metallic impurities of products put up in tin cans are made according to well known methods. In meat extracts the quantitative examinations are to be made according to A. Sendtner. Attention is called to the new methods of E. Beckmann.

**C.—SAUSAGES.**—The examination of sausages in regard to color, consistency, flavor, taste and general appearance, color and intactness of casings, may be added by boiling the sausage. For the determination of the moisture about 10 grams of the sausage meat are spread on a shallow dish, weighed, and dried at 105 degrees C. for three hours. Sausages which contain large pieces of fat should first be chopped and divided before the sample is taken. The determination of the albumen is made according to Kjeldahl. From one to one and a half grams of the sausage meat is used for this purpose.

**DETERMINATION OF FAT.**—The fat is determined in about 10 grams of the well mixed sausage meat, after same has been dried. Determination is made in Soxhlet's apparatus.

**DETERMINATION OF STARCH.**—The fresh cut of boiled but cooled sausage is tested with tincture of iodine (not with iodine in a solution of iodide of potassium). Fresh sausages (not cooked), are treated with water, and after allowing the sausage meat to settle, the supernatant water is tested with tincture of iodine. If a decided blue coloration appears it may eventually become necessary to determine by a microscopical examination the kind of starch in such sausage meat. The quantitative determination may be made by changing the starch into sugar, and calculating from the amount of sugar the amount of starch originally present. Or it may be done colorimetrically, according to Ambuhl. Attention is also called to the latest method of Mayerhofer.

**FOR THE DETERMINATION OF COLORING MATTER** about 10 grams of sausage meat are extracted with alcohol. If the alcohol assumes a distinctly red color it may be concluded that the sausage meat has been artificially colored. If the alcohol does not turn reddish, another quantity of the sausage meat is extracted with ammoniacal alcohol. If cochenille is present the extract is red.

**TEST FOR PRESERVATIVES.**—To test for saltpeter, the sausage meat is extracted with water, and the extract is tested with diphenylamine, in the presence of concentrated sulphuric acid.

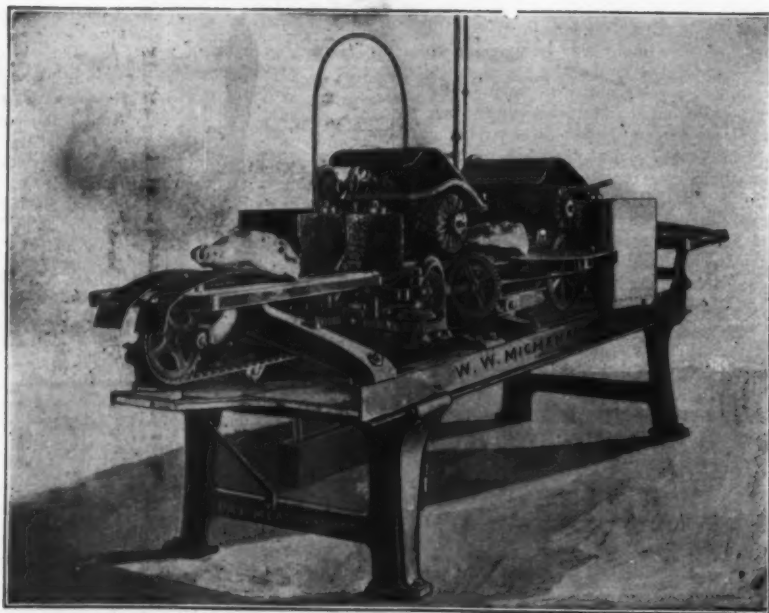
**TO TEST FOR BORAX AND BORIC**

**INDISPENSABLE TO EVERY  
PACKING HOUSE.**

**W. W. MICHENER'S**

**... A GREAT LABOR SAVER !**

**Patent Automatic  
Meat Washer.**



CAPACITY ONE CAR LOAD (1,500 pcs.) PER HOUR.  
REQUIRES BUT TWO MEN TO RUN IT.

**WILL WASH WITHOUT ADJUSTMENT:**

**HAMS, BELLIES, SHOULDERS,  
CALIFORNIA HAMS,  
BEEF HAMS, TONGUES.**

**ADVANTAGES:**

**THOROUGHNESS, SPEED,  
EVEN TEMPERATURE OF WATER,  
SIMPLICITY, DURABILITY,  
GENERAL ECONOMY.**

*This machine is built for service, will cleanse thoroughly any size of the several cuts of meat mentioned above WITHOUT ADJUSTMENT, and will prove invaluable to Packers and Smokers of Meats.*

Machine can be seen in operation at:

SWIFT & CO., Chicago, Ill.

J. H. MICHENER & CO., Philadelphia, Pa.

MICHENER BROS. & CO., Chicago, Ill.

CORRESPONDENCE SOLICITED.

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**THE BEST AND SIMPLEST APPARATUS  
— FOR —**

**DRYING SCRAP.**

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**The Empire Laundry Machinery Co.**

**SODEN ST., CAMBRIDGEPORT, MASS.**

**Pointers and Directions for Using Our  
Extractors in Wholesale Packing  
and Slaughter Houses.**

The word "scrap" means dry tankage, or refuse, and the process given is to prepare it for a fertilizer for the market.

1. What amount of raw material will the Extractor take at one time? Answer.—Three-quarter barrel of scrap, or tankage, which weighs from 250 to 300 lb per load.

2. What percentage of moisture remains after it has been acted upon? Answer.—About 12 per cent. of water.

3. What amount of grease is left in the stuff? Answer.—None, or less than 1 per cent., and if thoroughly washed with warm water, none whatever.

4. How long does it require? Answer.—Fifteen to twenty minutes.

5. What power to drive the Extractor? Answer.—From three to four horse-power to start it. When it is at its momentum it releases itself.

6. Will it dry the material; that is, the scrap or tankage? Answer.—No. But it will lessen the time of drying in Steam Cylinder Dryer. And as we have stated in question No. 3, if thoroughly washed, it can be done in less than twenty minutes. No Press is necessary when using the Extractor.

How is the grease saved? Answer.—Run the water and grease into a wooden tank below, and skim off the grease as it settles on top of the water.

8. How is the Extractor operated? Answer.—Fill it with scrap. Then turn on hot water from pipe above and stir until thoroughly mixed, then cover and start the machine, running fifteen minutes. If necessary stop the machine and add a second supply of hot water, until the operator is convinced that all the grease is thoroughly washed out of the scrap. Remove the scrap to the Cylinder Steam Dryer. Keep it in the same until it is thoroughly dried and the particles will not cling to each other.

The secret of perfect success in preparing scrap, or tankage, for fertilizing purposes is, thorough washing with very hot water in the Extractor.

9. Cost of Extractor? Answer.—\$350.00 F. O. B., Boston, Mass.



**ACID**, the sausage meat is extracted with hot water and the resulting aqueous solution is mixed with soda or lime and evaporated to dryness. The residue is ignited, dissolved in muriatic acid, and tested either by mixing with alcohol and observing the color of the flame of the ignited mass, or by testing it with tumeric paper. To test for salicylic acid, the alcohol extract of the sausage meat is evaporated to dryness with lime, the residue is acidulated with sulphuric acid and extracted with ether or naphtha. The extract is evaporated and the residue tested with a very dilute solution of ferric chloride.

**TO DETERMINE WHETHER SAUSAGE MEAT HAS BECOME SPOILED** (undergone putrid decomposition) it is tested in regard to flavor and odor, its re-action, and for the presence of ammonia, with Eber's reagent. This consists of one part muriatic acid, three parts alcohol and one part ether. The bottom of a wide test tube is covered with this reagent. After thoroughly shaking, a small piece of the meat to be examined is held about half an inch above the liquid. If ammonia is present in the meat a fog of ammonia chloride is formed. The determination of the amount of free fatty acid in the fat is done in the usual manner. The presence of ptomaines is tested according to the method of Brieger. Under ordinary circumstances it is sufficient to test sausage for flavor, color, consistency, and general appearance, also for the amount of starch, artificial coloring matter, borax, boric acid, and salicylic acid present, and for the re-action of the sausage meat.

#### CONCLUSIONS.

Meat and meat products should have an appetizing (not nauseating) appearance, normal odor and taste. They should not contain any injurious impurities like metallic poisons, ptomaines, bacteria, parasites, etc.

To distinguish horse meat from other meats the following figures may serve: The refraction number according to Zeiss at 40 degrees C. is 51 to 59 for horse fat, 43, 45 and 49 for cattle fat. The iodine numbers are 48 to 49 for horse and 35 to 44 for cattle fat. The meat of cattle and sheep contain no glycogine and but very little grape sugar (maximum 0.19 to 0.25 present), while horse meat shows from one-half to one per cent. glycogine and 0.14 to 0.427 per cent. grape sugar. Additions of preservatives to meat and meat products, with the exception of salt and saltpeter, are to be condemned. Good sausage should contain less than 60 per cent. water. Sausages with much more than 70 per cent. water are to be condemned. An addition of flour to sausage meat permits the use of impure and spoiled meat to be worked into sausage of normal appearance and consistency, and is therefore to be condemned, on account of this circumstance as well as on account of the large amount of water which such sausage meat may hold. Further, there is to be condemned artificial coloring of the sausage meat as well as of casings. The question concerning the use of artificial colorings and dyes in the production of edibles causes a lengthy discussion. Referee Dr. Kries had prepared a long list of coal tar dyestuffs which might be utilized, while others desire principally a list of the products which should not be used. In general, attention is called to the fact that as a rule coal tar dyestuffs are not as injurious as general opinion would have them to be. Due to the large tinctorial strength of these dyestuffs, extremely small quantities are consumed in food products. To produce toxic symptoms with Martius yellow it would require a consumption of 20 pounds of macerated colored with this dyestuff. Based upon such conclusions it was even advocated that the use of coal tar dyestuffs could be safely allowed, and only practical consideration would recommend an eventual restriction. The discussion finally led to the conclusion that artificial coloring should not be tolerated on meats, sausages, and meat products.

### BROOKLYN POLYTECHNIC INSTITUTE.

Probably the most important seat of learning in the City of Churches is the Polytechnic Institute, situated near the City Hall. The Polytechnic was chartered as a college in 1890 and the facilities offer to the student every advantage requisite for a thorough scientific and liberal education. Its studies afford thorough instruction in art—industrial, technical, mathematical and picturesque. The Department of Chemistry is presided over by Prof. P. T. Austen, late of Rutgers College and the New Jersey State Scientific School, one of the best known chemists and organizers in the country. The course in chemistry is carried out with admirable method. While being more comprehensive than anything ever previously attempted in that line in Greater New York. The demand for chemists has warranted the expansion of this particular scientific study, and it may be stated that the Brooklyn students are extremely fortunate in having such an experienced and distinguished gentleman to shape their destinies as Professor Peter Townsend Austen.

### SOAP MAKING.

No. 15.

#### THE RELATIVE MERITS OF ENGLISH AND AMERICAN COTTONSEED OIL AS SOAP MAKING INGREDIENTS CONSIDERED.

To resume the subject of refining the lye and the oil, which are both cool, are well agitated, and after a time the lye seizes the dark particles in the oil and precipitates to the bottom, thus forming the foots of which we have spoken. But a few years ago this valuable by-product was considered useless, many of the cotton oil refineries here casting it away, but it has since been recognized, as its valuable merits as soap ingredient deserves and is now regularly quoted in produce exchanges of the various cities among the standard staples. The value which attaches to the refinings is of course increased by the residue of the lye used in refining the oil, and which remains in the material, thus lessening the cost of new lye when undergoing treatment for transformation into soap.

When the foots have precipitated the oil is then washed with slightly acidulated water for the purpose of removing traces of the soda that may remain, after which operation it is ready for the market. With good, fresh seed, whether of the American or Egyptian variety, the color of the oil, even after this simple refining treatment, is very superior, and for the manufacture of soft soap it is a very desirable substance. It is possible to improve this however. A very large propor-

tion of the cotton oil manufactured in this country, as is well known, is used for edible purposes. The color of English made oil, it is asserted by those who use both varieties, is better adapted for soap making, nevertheless the excellent refining system which obtains in the leading refineries in this country is susceptible of producing any desired color, thus rendering the statement referred to unreliable to say the least of it. It is stated by a contemporary that "sweet oil is much too dark for soap making, but is used largely for cooking purposes and by bakers, and for mixing with lard and other edible fats."

The degree of perfection which has been attained in American refineries, with regard to the very thorough separation of the stearine from the oil is a decided advantage over the methods pursued by English competitors as conceded by them, enabling us to export large quantities of oil annually to Italy at a higher price than would be given for refined cotton oil made elsewhere. As an edible or sweet oil it is admittedly superior to the British article and is preferred by the Italians for mixing with their olive oil, an operation which can be more thoroughly executed when the stearine has been removed, and the oil thus made more limpid and more of the consistency of olive oil. For soap making, too, it is not too much to say the American oil is of equal if not greater value than the British article, concerning which we will have something to say in a later issue of "The National Provisioner."

(To be Continued.)

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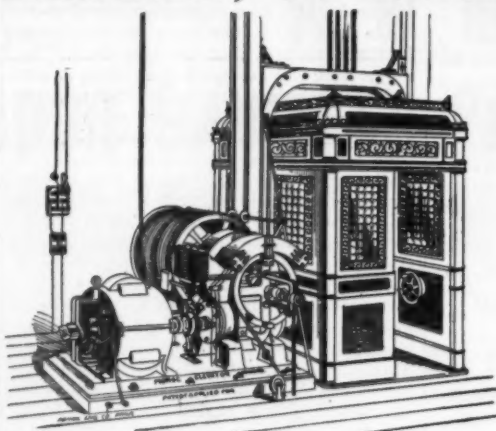
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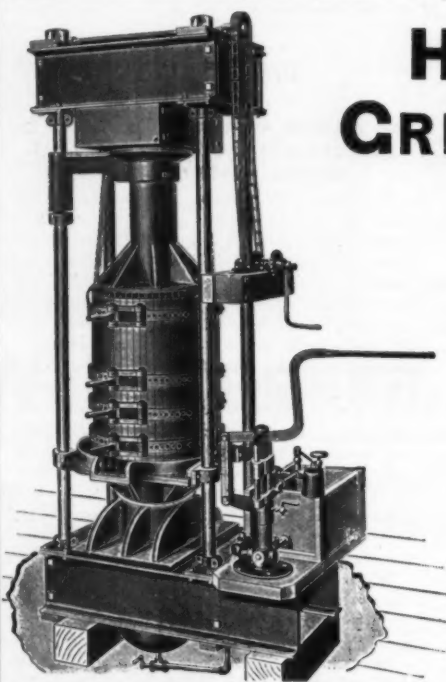
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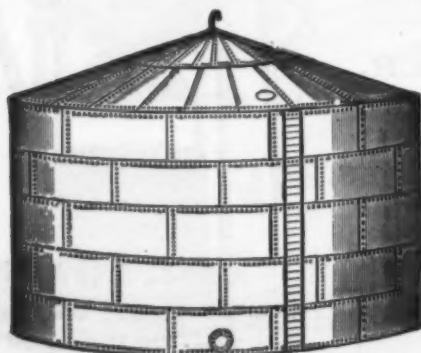
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## AMERICAN CATTLE EXPORTS TO ENGLAND INCREASING.

According to a British government report the importation of American cattle into England is steadily on the increase. For the first five months of the current year it was 175,000 head, as compared with 112,000 for the same period last year. If this rate per month be sustained the year's import will be over 400,000, or much larger than the exceptional importation of 1892. The London and Liverpool markets have been so heavily supplied that the prices of American beefs have there fallen as low as 9 to 9½c. per pound (estimated dress weight), while export steers were being quoted at Chicago at 3.75 to 4 cents per pound live weight. At these rates shipments must have been at a loss.

The development of the chilled beef import trade presents many interesting features, and is in many respects very similar to that of live cattle. Taking 600 pounds as the average weight of cattle slaughtered for the dressed beef trade, last year's export from this country of fresh beef to England represented a number of cattle nearly equal to that exported alive, the latter being, however, heavier cattle. The past five months' export of chilled beef was 108,759,600 pounds, as compared with 81,841,065 pounds for the same period last year. At this rate the year's export will be some 60,000,000 pounds greater than in 1892. It seems still a matter of doubt which of the two branches of the trade offers the largest profits. The Secretary of Agriculture, in his report for 1895, says:

"It appears to work out more profitably to transport the live cattle. They are carried on parts of the ship that would otherwise be unoccupied. They do not require such special fittings and appliances as to debar the vessel from carrying other cargo when cattle are not available."

The ocean freight on the forequarters of a steer varies from \$5 to \$6.

## LARD COMPOUND REBATES.

Manufactured from imported oleostearine and domestic cottonseed oil, or from imported oleostearine and domestic cottonseed oil and lard; base allowance on quantity of such oleostearin used, to be determined under the following instructions:

Before allowance of drawback, the exporter must file with the collector of customs, at the port from which the exportation is to be made, a sworn statement made by the manufacturers, showing the place, processes and conditions of manufacture, and mode of packing for export, and also the formula, showing the materials and proportions thereof entering into the manufacture of the compound, which statement shall be verified by the collector.

The collector with whom such manufacturer's statement was first filed shall furnish certified copies thereof on request of collectors at other ports from which exportations are made.

The entry for inspection and lading must show, separately, marks, numbers, and gross and net weights of packages, or must be accompanied by a certified invoice giving such particulars. Weights must be marked on packages, and certified by a United States weigher, by test of packages designated by the collector.

The quantity or percentage of oleostearine in the exported article must be shown by the manufacturer's declaration on the drawback entry, which declaration must be verified by official expert analysis of samples taken by the inspecting officer as ordered by the Collector.

Quantity of oleostearine which may be taken as basis of liquidation shall in no case exceed quantity shown by formula filed, manufac-

turer's declaration on entry, or that formed by official analysis. Manufacturer's declaration on entry must show that the exported article was made in accordance with sworn formula filed with collector.

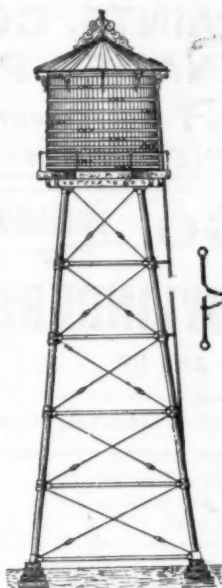
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## WORLD'S WHEAT ESTIMATE.

Estimates of the world's wheat crop in 1896 and previously for a series of years have been offered by different authorities. The London Miller presents a detailed statement, from which the totals are copied, as follows:

	Quarters.	Bushels.
1890 .....	278,962,000	2,231,696,000
1891 .....	291,478,000	2,331,824,000
1892 .....	299,980,000	2,399,840,000
1893 .....	311,477,000	2,491,816,000
1894 .....	317,574,000	2,540,592,000
1895 .....	309,835,000	2,478,680,000
1896 .....	290,450,000	2,323,600,000

In this estimate the total in 1896 for the United States and Canada is placed at 58,000,000 quarters, or 464,000,000 bushels. For Argentine and Uruguay the incoming crop is brought into the calculation, and is estimated at 72,000,000 bushels, and for Australasia the estimate is 40,000,000 bushels.

## TALLOW, SOAP, GLUE, FERTILIZER AND COTTON OIL TRADE NOTES.

CORRESPONDENTS, SUBSCRIBERS AND OTHERS SENDING ITEMS FOR THIS COLUMN SHOULD MAIL THEM SO AS TO REACH THE EDITOR NOT LATER THAN THURSDAY EVENING.

The Alexandria (Egypt) Produce Association informs us in upper Egypt and the Fayoum the cotton crop is well advanced. It will be larger this year than last.

Fisher Bros'. glue works in Delray, Mich., have resumed operation.

A soap factory which will manufacture nothing but toilet soaps has been started at Green Bay, Wis. Its capacity is 10,000 pounds per day.

Pointe Coupee Parish, New Orleans, La., is experiencing a business revival. From one end of the parish to the other the public steam gins are being operated to their fullest capacity and many cotton fields remain untouched. The cottonseed oil mill at Innis is overloaded with seed and has to store it anywhere and everywhere that a shelter for it may be secured.

The contract has been awarded for the building of the Delaware Glue Works plant in Wilmington. It will cost \$4,900.

A number of Racine (Wis.) people petitioned the Common Council to do away with a soap factory which they declared had so bad a smell that it injured the health of residents in the locality, but the health officer presented reports showing an unusually good condition of affairs as regarded health in that part of town, and the soap factory will continue its work.

Gylord Watson, vice-president and secretary of the Western Soap Co., died at his home in Omaha, Neb. For many years Mr. Watson was one of the most prominent map and atlas publishers in New York City. The remains were taken to Philadelphia for interment.

Mary C. Hunt has secured a judgment of \$1,000 against the Hunt Soap and Chemical Co., of Indianapolis. There was a disagreement in the partnership relations, during which trouble Mrs. Hunt was arrested for the alleged theft of two kettles. She sued for damages for false arrest.

H. Bond, of the Chattanooga (Tenn.) Cotton Oil Co., stated that while the cotton oil mill at Alton Park is in steady operation, business is not altogether satisfactory. The supply of cottonseed is scarce this year, and planters are backward about putting their supply upon the market owing to the unsettled condition of prices. Mr. Bond said that the mill will be kept in operation as long as sufficient material can be secured to keep it running.

The Boynton Soap Process Co., of New York City, has been incorporated with a capital of \$10,000. The directors are E. S. Boynton, of Brooklyn; W. Johnson, William J. Jenner, of New York City, and others.

The secretary of the board of public works can be addressed for information in regard to the garbage crematory, which the city of Jacksonville, Fla., contemplates erecting.

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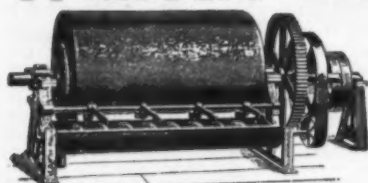
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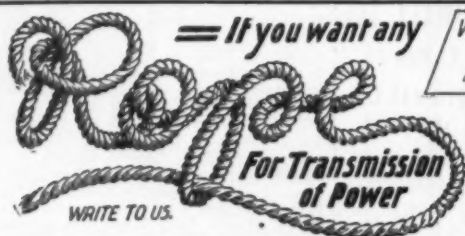
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## PACKING HOUSE NOTES.

Manufacturers of machinery and fixtures interested in these notes, should also consult the items under Ice and Refrigeration, and other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

\* Meat dealers who reside outside of Atlanta, Ga., and have no place of business in that city, but who sell meat to city consumers from wagon, will be charged a license fee of \$25 per year for each wagon so used. Atlanta can give some of her Northern sister cities points in this respect. This new law does not apply to non-residents who raise cattle.

\* A defective flue in the office of Stephen Crawford, at the abattoir in West Indianapolis, started a fierce fire, but the abattoir's private fire department, with some assistance from the regular fire company, extinguished the blaze after about \$300 loss on the building had been caused, and \$100 on stock.

\* John Jervis has a suit against the Eichel & Weil Packing and Provision Co., of Evansville, Ind. Jervis demands judgment in the sum of \$2,000 for injuries sustained while operating a machine while in the employ of the defendants.

\* Galveston, Tex.—A train load of lard from Kansas City reached here for shipment to Europe, en route for Bremen on the steamship Halle. This is the first time in the history of this port that a shipment of this sort has been made, and it is believed this will be the beginning of a very extensive business in the exportation of packing house products from the city at the mouth of the Kaw via the gulf port. Galveston has never had a regular line of packets to any foreign port previous to this season, with regular sailing days, and the tramp steamers could not be relied on owing to the uncertainty of their movements. The North German Lloyd steamers, of which the Halle is the pioneer, are advertised on the 20th of each month, and as the cargo is all engaged in advance and plenty of time is allowed in which to store it on board, it is said there will not be any failure on the part of the vessels to leave as advertised, except it be due to unavoidable accident or unforeseen hindrance. With the increase in the export business of the port, heretofore confined mainly to cotton and cottonseed products, a considerable import business is expected, the railroads and steamships being equally interested in building up the business so that neither may be obliged to put up with cargo only one way.

\* The slaughter house and buildings of C. W. Stauffer, in Greensburg, Pa., with their contents of machinery, tallow, hides, etc., were destroyed by fire. Loss, \$2,500; no insurance.

\* The Butcher's Mutual Benevolent Association of New Orleans fittingly celebrated

recently its thirtieth anniversary. The guests partook of an elaborate banquet which was presided over by the French Consul. The officers of the association are: A. Mailhes, president; M. Dutrey, vice-president; B. Maylie, treasurer; G. Peres, secretary. The board of directors is J. P. Roucaud, A. Mouledous, A. J. Coussie, J. Roucaud, C. Virges, J. P. Naudon, B. Lumanne, A. B. Lacoste, J. Dutrey. B. Cazerres is collector, E. Odinet grand marshal.

\* The city council of Jacksonville, Fla., has passed an ordinance which affects marketmen who do business outside of the limits of the public market the city has erected. According to a Jacksonville paper, the passing of the ordinance, if it is enforced, means the arrest of all dealers who are doing business outside of the prescribed limits of the city market. According to this statement, it would appear that in Jacksonville no butcher can do business unless he had a stall in the city market. It is said the affected dealers will test the law, taking it to the Supreme Court. It is stated that the right of the city to operate a market and compel the dealers to occupy it was decided in favor of the city by the Supreme Court of Florida several years ago.

\* Metcalf & Giehl, butchers, of Santa Barbara, Cal., have an electric motor in their place of business which they say operates the choppers and fans very satisfactorily.

\* J. E. Bassett, a bookkeeper for Swift & Co., the big Chicago pork packers, was arrested in New Orleans on the charge of having embezzled \$6,000 of the company's money. Bassett was insured in the Fidelity and Deposit Co., of Maryland, and this company was on his bond.

\* Consul Eckford, at Kingston, writes to the State Department at Washington, that the Jamaican authorities has issued an order prohibiting the importation, until further notice, of cattle and animals from the United States.

\* The Cunningham Live Stock Commission Co., of Minneapolis, with a capital stock of \$50,000, has been incorporated by William Cunningham, Frank Friend and Henry G. Haas.

\* George A. Hornel & Co., packers, Austin, Minn., are putting in a large \$7,000 cold storage building, three-story, for additional room for their large and increasing business.

\* A pork packing plant will be established at Chattanooga, Tenn., by John Shamotulski, F. Newton and Sol Berghheimer. Large warehouses, abattoirs, packing house and ice plant with cold storage department will be erected.

## BUSINESS CHANGES.

Samuel L. Hayden withdraws from the firm of J. R. Hayden & Co., butchers, Long Branch, N. J.

Emil Busch, butcher, New York City, has sold out.

Peter J. George, agent, market, Cohoes, N. Y., has given a bill of sale for \$500.

The Consumers' Veal and Mutton Co., of

New York City, has assigned, as previously reported.

J. M. Murray, meats, etc., Newton, N. C., is succeeded by J. M. Murray & Son.

George Ransenberger, meats, Bellefontaine, Ohio, is succeeded by Cappel Bros.

Henry Georges, butcher, Bellefontaine, Ohio, has given a chattel mortgage for \$505.

C. W. Stauffer, butcher, Scottsdale, Pa., has been burned out.

Rose Fitzsimmons (Mrs. E. A.), meat market and groceries, Scranton, Pa., has gone out of business.

John F. Kelly & Co., meat market, Scranton, Pa., are succeeded by John F. Kelly.

A judgment of \$200 has been granted Richard S. Storm, meat market, Scranton, Pa., vs. him and others.

Execution on a judgment for \$1,162 has been issued against Set. K. Mitchener, butcher, Watertown, Pa.

Alfonso Mercurio, market, Providence, R. I., has given a chattel mortgage for \$400.

Louis Seel, butcher, Charleston, S.C., has given a real estate mortgage for \$1,750.

John Shamotulski, meat, Chattanooga, Tenn., is succeeded by the Mountain City Packing Co.

Jack Hittson, cattleman, Palo Pinto, Tex., has given a deed of trust on real estate for \$20,000.

H. V. Whipple, produce, cattle, etc., South Royalton, Vt., is dead.

Wilson, Gregory & Co., meat market and produce, Roslyn, Washington, have dissolved, now Smith & Carroll.

Edgar Henderson, groceries and provisions, Washington, D. C.

George Morris has opened a market in Barre, Vt.

Oscar Eaton has gone into the meat business again in Worcester, Vt.

Mr. Luchsinger has sold his meat market in Brentwood, Cal., to Mr. Dierks. The former contemplates engaging in the manufacture of bacon this winter.

William P. Crane has opened a new meat market in Westfield, Mass.

E. H. Hamblen & Co., of Springfield, Mo., have added another store to their syndicate with the opening of a large establishment in Stoughton, Mass., which will be in charge of W. A. Hamblen.

Louis Pierre has sold his meat and provision business in Westbrook, Me.

C. D. Church Co., cold storage and commission, Birmingham, Ala., have given a chattel mortgage for \$2,000.

E. A. Hutchinson, grocery and market, Durango, Cal., have sold out.

The firm of Patch & Viles, commission, Victor, Col., is not the Patch & Viles Commission Co.

Herbert C. Newell, meat market, Rockville, Conn., has sold out.

A. C. Tillman, market, New Haven, Conn., has given a real estate mortgage for \$3,000.

J. Sachsenhauser, sausage manufacturer, Waterbury, Conn., has given a real estate mortgage for \$2,500.

Ira L. Cox, butcher, Orlando, Fla., has deeded real estate of \$1,000.

O. W. Shaeffer, market, South English, Iowa, has sold out.

Mark Maxwell, groceries and meats, Kansas City, Kan., has given a chattel mortgage for \$669 and assigned.

R. W. Brown, of R. W. Brown & Co., retail provision, Showhegan, Me., mortgaged real estate for \$1,000.

J. D. Strickland, groceries and meats, Springfield, Mass., sold out.

Christopher J. Halligan, provisions, Boston, Mass., gave a chattel mortgage for \$200.

Charles Foss, provisions, Chelsea, Mass., gave a chattel mortgage for \$125.

A. W. Dearborn, of A. W. Dearborn & Co., groceries and provisions, gave a chattel mortgage for \$1,000.

Charles Flagg, retail provisions, West Boylston, Mass., sold real estate for \$1.

Joseph O. Turcotte, groceries and provisions, Manchester, Mass., mortgaged real estate for \$300.

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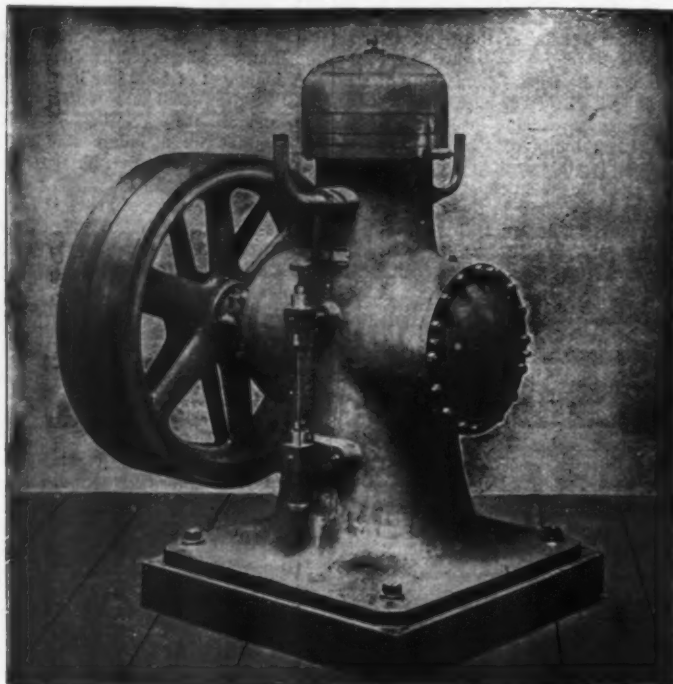
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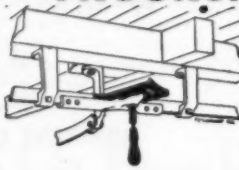
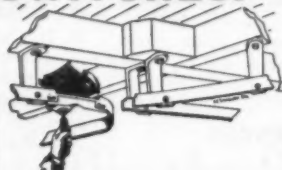
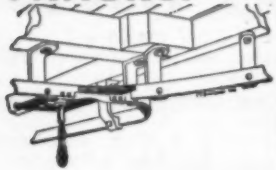
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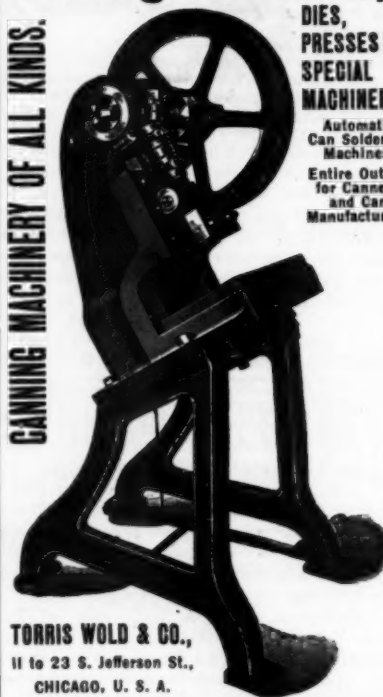
Cudahy Bros. Co., Milwaukee, Wis.	.....two 150-ton machines	Thos. J. Lipton & Co., Chicago, Ill.	.....one 75-ton machine
Wm. Plankinton, Milwaukee, Wis.	.....on 100-ton machine	Thos. J. Lipton & Co., Chicago, Ill.	.....one 75-ton machine (second order)
R. Gumz & Co., Milwaukee, Wis.	.....one 25-ton machine	John Morrell & Co., Ltd., Ottumwa, Ia.	.....one 150-ton machine
L. Frank & Son Packing Co., Milwaukee, Wis.	.....one 25-ton machine	Brittain & Co., Marshalltown, Ia.	.....one 50-ton machine
The Kretschmar Co., Milwaukee, Wis.	.....one 5-ton machine	Cudahy Packing Co., South Omaha, Neb.	.....one 150-ton machine
O. F. Mayer & Bro., Chicago, Ill.	.....one 10-ton machine	Lincoln Packing & Prov. Co., West Lincoln, Neb.	.....one 75-ton machine
O. F. Mayer & Bro., Chicago, Ill.	.....one 20-ton machine (second order)	Chicago Packing & Prov. Co., Nebraska City, Neb.	.....one 50-ton machine
Swift & Co., Chicago, Ill.	.....one double 400-ton machine	Chicago Packing & Prov. Co.	.....one 75-ton machine (second order)
Nelson Morris & Co., Chicago, Ill.	.....one double 200-ton machine	J. Fleischhauer & Bro., New York, N. Y.	.....one 50-ton machine
Fairbank Calumet Co., Chicago, Ill.	.....one double 200-ton machine	Thomas Bradley, Philadelphia, Pa.	.....one 35-ton machine

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CANNING MACHINERY OF ALL KINDS.

DIES,  
PRESSES AND  
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Automatic  
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Entire Outfits  
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TO COTTON OIL MILLS:

**\$1 <sup>50</sup> PER WEEK**

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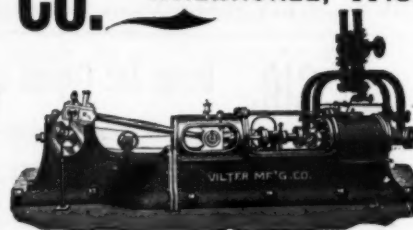
if samples are sent to us regularly. Thousands of dollars are squandered every year on account of excessive quantities of oil left in the cake.

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Analytical Laboratory,

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**ANSWERS TO CORRESPONDENTS.**

We gladly and as promptly as possible answer all reasonable questions in this column sent to us by our SUBSCRIBERS or ADVERTISERS.

Answers desired by mail should be accompanied by a stamped, addressed envelope.

Persons desiring not to be known as making an inquiry should add a *nom de plume* to their questions. By so doing they will avoid identification in this column. The correct name and address should, however, for the publisher's satisfaction, accompany each request for information.

**P. Y. T., OMAHA.**—The method of producing oleo oil is as follows: The selected fat is taken from the cattle in the process of slaughtering, and after thoroughly washing, is placed in a vat of clean, cold water and surrounded with ice, where it is allowed to remain until all animal heat has been removed. It is then cut into small pieces by machinery and melted at an average temperature of 150 degrees until the fat in liquid form has separated from the fibrine or tissue, and then settled until it is perfectly clear; then it is drawn into graining vats and allowed to stand a day, when it is ready for the process. The pressing extracts the stearine, leaving the remaining product, known as the oleo oil. It is this article which, when churned with cream or milk, or both, and with sometimes a small portion of creamery butter, the whole being properly salted, gives the new food product oleomargarine. Each animal yields an average of about forty pounds of oleo oil. Concerning oleomargarine, we refer you to our editorial on that product which appears in this issue.

**BUTCHER, BUFFALO.**—There is a decided distinction between a Homeopathic and a Bayonne ham. Our Directory and Handbook would put you right on this and other subjects pertinent to your trade. In the first place, with regard to the Homeopathic variety, the warm hams are cut from the pit and treated with salt, while in the case of Bayonne hams the parts are secured from a freshly butchered lean pig—the tenderloins—and formed into the shape of sausage. This article is a delicacy, and can scarcely be classed in the category of hams.

**MILL SUPERINTENDENT, GA.**—We take pleasure in answering your question, while also reminding you that you will find our forthcoming publication, "The Manufacture and Treatment of Cotton Oil," a most valuable reference book for everything which technically appertains to oil milling. If you reduce your pressure to 2,000 pounds pressure per square inch on your hydraulic ram you will make a very serious mistake, which you will ascertain later, when reduced oil dips become apparent. You can easily carry a pressure of 3,500 pounds to the square inch without injuring your bagging fabric, if the latter is of the proper quality, thus insuring a full oil yield, always, of course, conditional

**NEPONSET RED ROPE INSULATING PAPER**  
FOR LINING  
**Cold Storage Houses Refrigerators. Cars, Etc.**



**WATERPROOF, AIR TIGHT, CLEAN, A HIGH NON-CONDUCTOR AND ABSOLUTELY ODORLESS.**

upon pressure being maintained sufficiently long.

**E. H. H., BOSTON.**—Where a suit is fought to recover the purchase price of land, and the defendant sets up a breach of warranty as to title, and where it appears the conveyance was "all our right, title and interest in and to" the land, and the grantors warranted the title to "the said premises," parol evidence is admissible to prove that the conveyance was of a half interest in the land only, and that that was all the warranty covered. *House vs. Johnson*. Tex. Ct. Civ. App. 36 S. W. Rep. 916.

**W. L. E., IOWA.**—Where a testator bequeathed real estate to his children for life, without the power to sell or convey during the term of their natural lives, but further provided that he left them at liberty to dispose of the same at the expiration of their several lives as they saw fit. Held, That the children took an estate in fee, and had the right to sell or convey during their lives. *Fristoe vs. Latham*. Ky. Ct. of App. 36 S. W. Rep. 920.

**E. G. L., BROOKLYN.**—Where an association was recognized by the public authorities as a duly organized corporation, and did business and filed its annual reports as such, a creditor who dealt with it as a corporation cannot attack its corporate existence, and hold its stockholders liable as partners. A stockholder who has paid for his stock is not personally liable to its creditors, because it carried on business before its capital stock had been subscribed for, where he had no notice that such stock had not been subscribed for, or of any intent to carry on an illegal corporation. *A. M. & G. B. C., v. Bulkley*, Sup. Ct. Mich. 65 N. W. Rep. 291.

**D. E. F., CINCINNATI.**—To keep pigs feet twelve months, pack in full strength, pickle with capping salt each and avoid contact with iron, otherwise a dark color may be expected.

**W. D. S., ST. JOSEPH, MO.**—Tripe packages will not do for tongues. They are altogether unsuitable in every particular.

**NEW YORK PRODUCE EXCHANGE NOTES.**

Mr. Anderson Fowler introduced these visitors at 'Change this week: Mr. W. J. Sweetney, of Philadelphia; Mr. J. B. Bacharach, of New York, and Mr. Anderson Fowler, of Cheshire, England.

On 'Change this week these visitors were introduced: Mr. John M. Shaw, of Indianapolis, by Mr. H. Bunker; also Mr. S. E. Sinclair, of Liverpool; Mr. W. P. Lough, of New York, by Mr. B. B. Roundy; Mr. J. W. Schroeder, of New York, by Mr. Sam Heyman; Mr. G. W. Steffens, of Charleston, S. C., by Mr. C. S. Matilage; Mr. W. C. Forster, of Ottumwa, by Mr. A. P. Scripture, and Mr. W. M. Halsted, of New York, by Mr. G. C. Halsted.

Mr. Hans Seelemann, of Brock & Schnar's, Hamburg, was a visitor on the floor of the Produce Exchange this week, after an extended trip through the West.

A number of membership tickets of the Exchange will be sold at auction of December 2. Before this sale is passed an advance in the price of tickets can hardly be expected, but we look forward to better conditions and higher prices for seats before the end of this year.

**MISSOURI VIA GULF PORTS TO EUROPE.**

The large difference of freight between packing points on the Missouri River and Eastern ports compared with the rates charged via New Orleans and other Gulf ports has induced shippers on the Missouri River to send trial shipments via Galveston and New Orleans. One Kansas City packing house recently sent eleven cars of lard to Bremen, Germany, from Galveston by a steamer of the North German Lloyd line, and recently the Jacob Dold Packing Co., of Kansas City, has made shipments of lard, grease, oleo oil and canned meats to Europe via New Orleans. The difference in time does not cut a very great figure, and we should not be surprised to see boxed meats shipped by the same routes, but would advise packers to take the large shrinkage, which would probably result, into consideration.

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OFFICE AND WORKS, PASSAIC, N. J.

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BEST QUALITY OF CITY DRESSED REFRIGERATED  
BEEF ALWAYS ON HAND.

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and all kinds of  
Fruit and Vegetables are now  
being successfully stored by the use of Ammonia Refrigerating Machinery. We have a number of books on that subject.

Redwood Ammonia Refrigeration, . . \$1.00  
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ALL PACKING HOUSE PRODUCTS.

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MANUFACTURERS OF

DUESSETT BRAND EXTRA OLEO OIL, Stearine, etc.



**TALLOW AND STEARINE.**

(Continued from page 19.)

some still unsold on that market, with fair shipments on the way. In the above sales, the leading brands of extras were generally presented.

On Tuesday no transactions whatever were reported, the market being nominal at the decline to 48 fl., while No. 1 in New York was quoted nominal at 8½c., 7c. for No. 2, and 6c. for No. 3.

London sales for the week showed 6d. decline and only half the offerings of 2,200 casks sold.

On Thursday there were small orders in the market for export, at 3½c. for city, which was held at 3½c. with more steadiness, in spite of the effort to make even a small purchase at ¾c. in order to make a lower price on the 200 hhds. delivered on weekly contracts, which otherwise would have gone at 7-16c. the last previous sale. There was also some export demand for edible at 4c. for country and 4½c. for city, with moderate sales not reported. In greases there was some export demand for small lots only so far as reported, but supplies are still not large and prices well maintained.

Friday's market was easier, 75 hhds. city selling at 3½c., but not early enough to fix the week's settling price at that. No other business or feature reported.

On Thursday oleo was easier, both East and West, with no buyers at over 5c. in New York or Chicago, with 100,000 lbs. sold there at that price to the local refiners, though 1-16c. more, was asked. New York lard stearine was held at 5½c. for city and 5c. to 5¼c. for Western spot and to arrive; but there has been no demand whatever reported for the week.

Friday's market was steadier at 5½c., with fair export sales of city lard stearine earlier in the week, but not before reported on losses of 5½c. choice.

**LIVERPOOL QUOTATIONS.**

Liverpool, Oct. 30.—4:15 p. m.—(By Cable.)—Bacon easy; demand poor; Cumberland cut, 28 to 30 lb, 34s.; short ribs, 20 to 24 lb, 30s.; long clear light, 35 to 38 lb, 31s.; long clear heavy, 40 to 45 lb, 29s. 6d.; short clear backs, light, 18 lb, 29s.; short clear middles, heavy, 45 to 50 lb, 25s. 6d.; clear bellies, 14 to 16 lb, 30s. Shoulders—Square, 12 to 18 lb, 29s. 6. Hams—Short cut, 14 to 16 lb, 49s. 6d. Tallow—Fine North American, 20s. Beef—Extra India mess, 50s.; prime mess, 40s. Pork—Prime mess fine Western, 47s. 6d.; medium Western, 40s. Lard—Dull; prime Western, 23s. 9d.; refined in pails, 26s. 6d. Cottonseed oil—Liverpool refined, 16s. 6d. Refrigerator beef—Forequarter, 3½d.; hindquarter, 5½d. The receipts of wheat during the past three days were 257,000 centals, including 145,000 American.

**HAVE SET UP TWELVE DRYERS.**

The firm of Theo. Smith & Bro., of Jersey City, who closed the contract some time ago, have delivered and set up in position complete twelve dryers (their patented improved garbage) for the New York Sanitary Utilization Co., at Barren Island, New York Harbor. This firm well merits the confidence in which it is held by the public. \*\*\*

**GLUE TEST.**

We make a specialty of making glue tests and of analyzing tank water. Please consult us. The National Provisioner Analytical Laboratory, 284 Pearl street, New York.

**RECENT PATENTS AND TRADE MARKS.****AMERICAN.**

An ingenious device has just been patented by Thomas Kennedy and Thomas Slattery, of Chicago, in the form of an endless conveyor, and by means of which hogs are rapidly raised from the floor to a convenient position for the butcher to deal the struggling animal the fatal knife lunge. There are other interesting features connected therewith. The patent is numbered 570,025, filed December 5, 1896, serial No. 571,171.

**FOREIGN.**

570,219.—Louis B. Fletcher, of Basle, Switzerland, has patented a filter having as its filtering material a woven fabric wherein one of the sets of thread is crossed by the other set of thread only at opposite margins of the fabric, thereby forming closely selvages, the body of the fabric between said selvages being composed wholly of one set of threads. This improvement in filtering material has been patented in Switzerland, Germany, England and Austria.

**ICE AND REFRIGERATION.**

Those interested in this subject should not forget to look also at Packers' and Slaughterers' Notes, and at other trade news columns in this paper.

Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.

—W. S. Ware, one of the proprietors of the ice factory that was blown down at Cedar Keys, Fla., says he will rebuild.

—Springer & Son, ice manufacturers along the East coast are putting a printing plant in their St. Augustine (Fla.) factory, in order to better expedite their business.

—The Fred W. Wolf Co., of Chicago, is executing the following recently received orders: Upper Peninsular Brewing Co., Marquette, Mich., 35 ton machine with Corliss engine and direct expansion for the entire brewery; Eker's brewery, Montreal, 25 ton machine with direct expansion for the entire brewery; Geo. Bauern-Schmidt Brewing Co., Baltimore, direct expansion for the entire brewery; J. F. Weissner & Sons Brewing Co., Baltimore, 12 sections of condenser and direct expansion for the entire brewery. As an evidence of the efficiency of the Wolf Company's ice machines, the fact is of interest that at the Bavarian Exposition held at Nuremberg the past summer, the Gesellschaft für Linde's Eismaschinen, Wiesbaden, received the highest award in the shape of a gold medal for the highest development of refrigerating and ice-making machines, and for the large amount of pioneer work this company has done in this direction.\*\*\*

—Mr. S. D. Lount, of Phoenix, Ariz., is in Chicago, where he is perfecting an improvement on his ice machine which will enable him to double the capacity of his present plant without much cost.

—Messrs. Sherman & Eiland will erect a modern market building in Santa Barbara, Cal., provided with a cold storage plant which will be operated by electric motor.

—Plans have been submitted for a one-story brick addition to the plant of the Glen Willow Ice Manufacturing Co., just above Manayunk, Pa. It will measure 116x40 feet. The company is also going to put two new boilers in its present boiler house.

—The Cold Storage Company, of Locke, N. Y., capital \$5,500, is a new incorporation with these directors: J. L. White, Charles H. King, and I. J. Main, of Locke.

—The Stevenson Company, Limited, of Chester, Pa., who manufacture automatic doors for cold and air-tight storage, have supplied Richard Webber, of the Harlem Packing House, New York, and the Brooklyn Bridge Freezing & Cold Storage Co., New York, with them; and in addition to this they are about to fill orders from Edson Bros., Philadelphia; the Arctic Freezing & Cold Storage Co., on West street, between Dey and Cortlandt, New York, and Combrinck & Co., Cape Town, Cape of Good Hope, Africa.

—The Barclay Street (New York) Refrigerating Warehouse Co., Barclay and Washington streets, applied to the Supreme Court for the voluntary dissolution of the corporation and Tuesday Judge Beekman appointed Julius D. Mahr receiver. He is the treasurer of the company. The liabilities are \$11,596; assets, \$2,520. The company was incorporated on July 25, 1887, has a capital stock of \$25,000, and was organized by men in the meat, produce, poultry and ice business in the vicinity of the warehouse. The directors think they can resume the business on a profitable basis.

—A judgment for \$476 has been entered in the office of the County Clerk of New York county against Leopold Oppenheimer in favor of the T. H. Wheeler Co.

—Mr. George E. Winton, proprietor of the Plumb & Winton Co., will erect a four-story brick building in Bridgeport, Conn., on Middle street, the interior of which building will be fitted up with all the latest and modern methods used in conducting the pork packing business. The biggest feature will be the introduction of an improved and costly ice machine for cold storage vaults. There will be three of the latter, one in the cellar and the other two on the first and second floors respectively. The packing and rendering rooms will occupy the second and third floors.

\*\* The Piedmont Coal and Ice Co., of Greenville, S. C., are in the market for an ice machine of six or eight tons capacity, including cans, tanks, condenser, fifty horse-power boiler and machinery.

\*\* Price and particulars for ice plants are wanted by William McMurtrie, Orange, N. J.

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They are free from tar and are absolutely airtight, odorless, and impervious to moisture.

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RECEIVED.



**NO COERCION IN THEIRS.**

A monster parade held by the sound money men of Kansas City took place on Saturday, some 9,000 men marching under "flying flags and martial music grand," and, to be sure, the packers were in line with the others. There has been considerable talk of large employers putting the screws, as it were, on their employes to vote the sound money ticket, but the Kansas City packers, while they are sound money men, have too much respect for themselves, as honorable men, to force any person in their employment to vote against his convictions in the coming election.

The following circulars will speak for themselves:

**"TO ALL FOREMEN SWIFT & CO.'S PLANT:**

"As you no doubt understand, there is a movement on foot for a grand sound money parade Saturday afternoon, the 24th, and it is proposed to stop work on the plant at noon. We are anxious that Swift & Co. should make as good a showing as possible in this parade.

"This notice will be presented to you by Mr. Pratt or Mr. Salisbury, and I write to ask that you make a personal canvass of your gang, asking all voters in same to join us in this parade. Wish it distinctly understood that there is nothing compulsory about it, but we would be pleased to have every one join in making this a grand demonstration.

"Please advise Messrs. Pratt or Salisbury not later than noon to-day the number and names of men in your gang who would like to join us. Yours respectfully,

"F. W. WILDER."

Here is the circular sent out by the Armour Packing Co. to its men:

"The movement in favor of sound money will culminate in a monster parade on next Saturday afternoon, October 24. This demonstration is absolutely independent of any party lines and embraces men of all parties who incline to the sound money idea in the pending election.

"In common with all Kansas City institutions, the Armour Packing Co. has been re-

quested to close, so that all of its employes who are inclined to join in the parade may have an opportunity to do so. This will be done, and we wish the foreman of every department to see that all of his men are notified. The Armour Packing Co. employes have been assigned a position in the parade, and its division will form in front of the packing house. You will be notified in ample time of the hour. The Third Regiment Band will come to the packing house as an escort for our division.

"Nearly all of the officials and heads of departments who favor sound money will march in the parade. There will be no vehicles of any description; every man from the general manager down will be on foot. My pride in the house makes me hope that a creditable representation will be made.

"GEORGE W. TURTELLT,  
"Superintendent."

In compliance with the request, each of the foremen of the Armour Packing Co. called together the men, stating that the Armour Packing Co. believed that "master and man" should stand firmly on the same platform for their mutual good—that what guarded the interest of one was surely to be a safeguard to the other, and, therefore, as many men as desired and could heartily join in the parade, they wished to join the parade, but they wished it distinctly understood that there was no coercion in the matter, that each could follow the dictates of his own mind, and that the company did not, in any manner, wish to unduly influence the vote of any individual in their employment.

First in the parade came the contingent of the Armour Packing Co., K. B. Armour, the general manager, tramping side by side with his employes. Then came the Swift & Co. cohorts, with Mr. Wilder, the superintendent, at the fore and front. Following came the Jacob Dold Packing Co.'s army, all arrayed in white trousers, a gift from the company, with Jacob Dold, Jr., Charles Dold and Secretary Jones heading the compact column. Then George Fowler, Son & Co.'s division, with Mr. U. S. Epperson, the manager, and Mr. Brelsford, superintendent, leading on, and bringing up the rear the Schwarzschild & Sulzberger Co.'s brigade, headed by Manager Nathan and Mr. Lewis Newgass. It is useless to say that the packers' display was the one great drawing attraction to the many, many thousands who lined every street through which the parade tramped to "sound of brass and roll of drum."

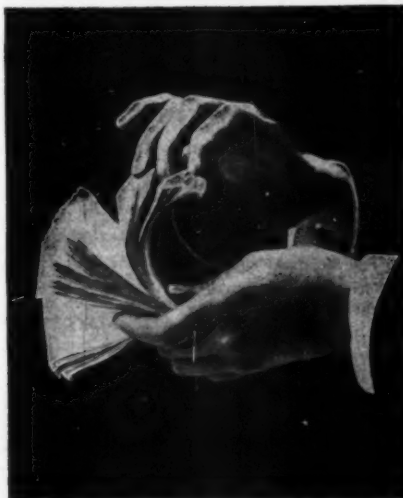
**NORTON & WORTHINGTON,**

BROKERS, No. 3 Chicago Board of Trade, CHICAGO.

Execute Orders for the Purchase or Sale of  
GRAIN, PORK, LARD, RIBS, SEEDS, ETC.,  
FOR CASH OR FOR FUTURE DELIVERY.  
Correspondence Invited.

**Horse Casings Wanted**

SEND OFFERS TO  
KACHELMACEER & BÖHMER,  
174 Chambers St., New York.

**Registering**

Or posting the transactions made in your business is a vital point. To do it correctly, legible and easy for checking and reference, you should have the latest and best improved device.

The Egray Registers are "up to date."

Our "Folder" folds the record book-like undetached, all one strip of paper.

Our Summary is the only itemized Summary Register made.

Our Manifold is the only true, all printed, check feeding, manifolded Register in the market.

Price list and catalogue for the asking.

Printers of stationery for all kinds of Registers.

**The EGRAY AUTOGRAPHIC REGISTER CO.**

DAYTON, OHIO,  
U. S. A.

**WRITE US FOR PRICES**

ON CARLOAD LOTS OF

**Dressed Beef, Mutton, Veal and Hogs,  
also Sweet Pickled and Smoked  
Meats, Kettle-Rendered Lard,  
etc.**

We are in the great Iowa cattle and hog belt and think we can do you some good.

**TRI-CITY PACKING & PROVISION CO.,**

Manufacturers and Jobbers,  
DAVENPORT, IOWA.

**ROBT. H. KELLY & CO.,**

Grain, Provisions, Stocks and Cotton.

Member Chicago Board of Trade since 1879.

**THE POSSIBILITIES**

For money making are unusually good at the present time, and the extremely low prices now prevailing should be taken advantage of by the investor. Our handbook and daily review of the market sent free upon request. "Facts and Figures," the best and most complete book published pertaining to the speculative business, sent to any address for 10 cents in stamps. Always glad to correspond with any one concerning the markets and cheerfully furnish any information wanted in regard to same. Favor us with a share of your business and you will not regret placing your orders through our house.

**ROBT. H. KELLY & CO.,**

Gen'l Offices, Entire 10th Floor, 226 LaSalle, Chicago.

**DO YOU**

WANT TO  
BUY OR SELL

Wheat, Corn, Oats or Provisions on the

**CHICAGO BOARD OF TRADE?**

Accounts of GRAIN DEALERS or orders for

**SPECULATIVE INVESTMENT**

Solicited. Write to us. Liberal advances made on consignments where Drafts are drawn with Bills of Lading attached. Private Cipher Code and Market Manual furnished free.

**McLAIN BROS. & CO.**

RIALTO BUILDING, CHICAGO.

**Good Meat Alone**

is not enough. The butcher who wishes to build up a big trade must have a nicely furnished shop. The man who has

**An Up-to-date Shop**

will get the up-to-date trade. Customers like to see attractive refrigerators, modern machinery and handy tools.

**All Butcher Fixtures**

of the latest and best make, as well as refrigerators and tools, are manufactured by

**T. FARRELL,**

328 West Forty-First Street,  
NEW YORK CITY.

# SWIFT AND COMPANY,

## CHICAGO.

# PACKERS.

SILVER LEAF LARD.  
COMPOUND LARD.  
EXPORT LARD.  
COTOSUET.

PORK AND PROVISIONS.  
LARD OILS.  
NEATSFOOT OILS.  
EDIBLE COTTONSEED OIL.

MAKERS OF HAND-CLEANED BEEF AND HOG CASINGS.

Cable Address: "ESSBEEF."

Telephone: No. 436, JERSEY.

## Jersey City Packing Company,

BEEF AND PORK PACKERS. CURERS AND EXPORTERS OF AND DEALERS IN FINE PROVISIONS. REFINERS OF LARD.  
Manufacturers of "White Star" Brand of Lard. "Eagle" Brand of Hams and Breakfast Bacon. "Peerless" Brand Sausages.  
BEEF AND PORK PACKED SPECIALLY FOR ALL CLIMATES.

Salesrooms and Packing Houses: 138-154 9th St., JERSEY CITY, N. J.

## NORTH PACKING and PROVISION CO.

PACKERS AND JOBBERS OF  
PROVISIONS

Highest Award, Diploma and Medal, at World's Fair, for Pure Lard, Hams, Bacon, Bbl. Pork, Neutral Lard, Sausages.

PURE LEAF LARD, 3, 5, 10-LB. PAIL TUBS,  
TIERCES.

33 & 34 N. MARKET STREET, BOSTON.  
444, 446 & 448 PRODUCE EXCHANGE, N. Y. CITY.  
PACKING HOUSE, - SOMERVILLE, MASS.

Try their North Star Brand for something extra choice. Sure to please.

## FREDERICK BOHNET, GENERAL PROVISION DEALER,

Established 1850.

TELEPHONE, NO. 662 FRANKLIN.

188 & 190 MONROE ST., NEW YORK.

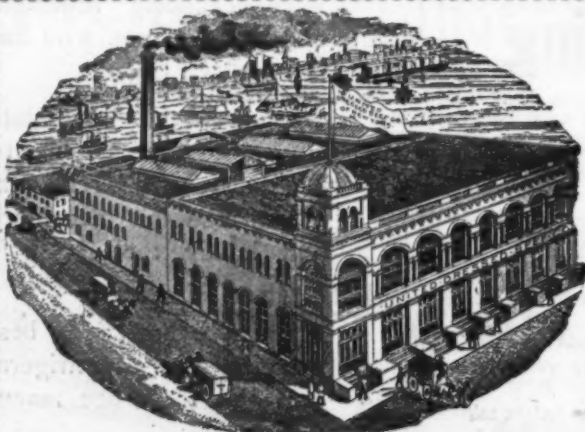
## John P. Squire & Sons' HAMS AND BACON

ARE THE FINEST IN THE WORLD.

Telephone 282 Franklin. Their process of preparing and curing gives that delicate flavor and beautiful color for which they are noted, and adapts them to any climate or season of the year.

OUR KETTLE RENDERED LEAF LARD CANNOT BE EXCELLED. . . . 20 Harrison Street, New York.

READ THE  
COLORED INSERTED SHEET



## The United Dressed Beef Company

Telephone,  
314 38th St.

OF NEW YORK,

Sales Office Telephone, 303 38th St.

## CITY DRESSED BEEF.

PACKERS AND EXPORTERS OF INDIA MESS AND ALL SALT BEEF.  
HIGHEST PRICES PAID FOR SHOP FAT AND KIDNEY SUET.

Beef Casings, Dried Blood, Fertilizers, Oleo Oils, Stearine,  
Prime City Tallow, Ground Bone, Horns and Cattle Switches,  
Selected Hides. All Grades Salted Beef.

43d & 44th STREETS,  
FIRST AVE. and EAST RIVER, NEW YORK.

ISAAC BLUMENTHAL, President.  
LEWIS SAMUELS, Treasurer.

ADOLPH EDELMUTH, Vice-President.  
LEWIS A. LONDON, Secretary.

LOOK AT PAGE 47.



# The New York Retail Butchers' Mutual Protective Association

... OFFICERS ...  
 ARTHUR BLOCH, President, 791 Park Ave.  
 WM. G. WAGNER, 1st Vice-Pres., 573 First Ave.  
 GEO. H. SHAFFER, 2d Vice-Pres., 474 Fourth Ave.  
 FELIX HAAS, Treasurer, Central Market.  
 OTTO GEISS, Financial Secretary, 508 West 51st St.  
 CHARLES YOUNG, Recording Sec., 873 Park Ave.  
 GEO. WILLI, Corresponding Sec., 710 Second Ave.  
 PATRICK MAY, Serg't-at-Arms, 543 W. 39th Street.

OFFICE, 873 PARK AVE.

NEW YORK.

MEETINGS HELD EVERY SECOND AND FOURTH MON-  
 DAY OF EACH MONTH. MEETING ROOMS: RETAIL  
 GROCERS' HALL, 138 & 140 EAST 57TH STREET.

## NEWS COMMITTEE:

EDWARD DAVIES, West Washington Market.  
 FELIX HAAS, Centre Market.  
 HERMAN BROCKNER

## NEW YORK CITY AND VICINITY.

*Employers in want of help, and employees in search of positions, and such wanting to dispose of machinery or desiring to purchase same should look at our WANT AND FOR SALE COLUMN on page 46.*

\*\* Following close upon the assignment of the Consumers' Veal and Mutton Co., as reported in our last issue, the wholesale trade was again thrown into a state of excitement when it was reported in the early part of this week that Michael Lally, jr., of Jersey City, had failed for a large amount. Owing to the reticence of his creditors it was impossible to get a correct statement of his liabilities, although some place the amount between \$60,000 and \$100,000. Mr. Lally succeeded his father in business and formerly was a cattle butcher, but since moving into his present quarters he has been a heavy slaughterer of small stock. A short time ago we stated that the small stock market had passed through the worst summer known, and that the trade was greatly demoralized in consequence, and unless present conditions change many other slaughterers will be compelled to suspend.

\*\* The Central Market, Broadway and Forty-eighth street, butchers, had a rousing political demonstration Wednesday night. A platform had been erected in the square at Forty-seventh street and a large crowd was present. Enthusiasm for McKinley and Hobart ran high. Excellent speeches were made by Mr. Felix Haas, Mr. Julius Deitz, and others whose names could not, unfortunately, be ascertained. There were good music and a fine pyrotechnic display.

\*\* Charles May, a Brooklyn butcher of veal, failed Wednesday. The liabilities are said to be \$10,000.

\*\* McCullough & Hitchcock have opened a new butcher shop at 2,154 Seventh avenue. Jackson & Co. fitted it up.

\*\* Mr. Moses Stern, of Joseph Stern & Co., of West Fortieth street, is expected home from Europe to-day.

\*\* Supt. Richards, of the Eastman's Co., has returned from his Western trip.

\*\* Mr. Schaefer has opened a new shop on Eighth avenue and Fifty-fourth and Fifty-fifth streets.

\*\* A five-story storage and icehouse will be erected by the Henry Zeltner Brewing Co., of One hundred and Seventieth street and Third avenue, at One Hundred and Seventieth street, north side, 80 feet east of Third avenue.

\*\* Mr. Isidore Heller, of Wolf, Sayer & Heller, of Chicago and New York, came East

to meet his wife and daughter, who have just returned from Europe, after an extended absence. They left for the Windy City on Tuesday.

\*\* Jackson & Co., of 626 Tenth avenue, are having a run on their sausage machinery, now that the weather is cooler and pork is cheaper, such conditions being promoters of investment on the part of butchers.

\*\* The stagnation of business on the eve of the election is being experienced with others by some of the men who deal in butchers' fixtures. We know of one dealer who last Saturday laid off twelve men, when he generally has a much larger number than this employed at this time of the year. The number of new butcher shops opening up is comparatively small.

\*\* The Schwarzschild & Sulzberger Co. have obtained a judgment against Adolph F. Berger for \$723.18.

\*\* Arthur Block, a butcher, of Brooklyn, has a balky horse, and Wednesday he attempted to accelerate the animal's speed and break up the objectionable tendency by building a fire under him. Mr. Block was fined \$10.

\*\* The absorbing political questions of the hour have to such an extent encroached upon the valuable time of the busy merchants of West Washington Market within the past few weeks that several have resorted to the expedient of announcing to would-be controversialists on cardboard in large type and in the most prominent available position that, "Politics will not be discussed between the hours of 8 a. m. and 5 p. m." Nevertheless, one of the National Provisioner's representatives was privileged to disregard this admonition, and a canvass of the leading lights of the market proved conclusively that McKinley is their choice without an exception.

\*\* We acknowledge with thanks the receipt from Secretary A. Samuel of tickets to the grand annual ball of the employees of A. Vanderbeck, of East Forty-fifth street, to be given in D. Schneider's Teutonic Assembly Rooms, at Third avenue and Sixteenth street, on Friday evening, Nov. 27.

\*\* Mr. B. Beinecke, president of the Eastman's Co., has gone West on a trip. He is expected back next week.

\*\* The Board of Health inspectors, since our last report, have condemned meat as follows: Beef, 18,500 pounds; veal, 2,030 pounds; sheep, 1,200 pounds; hogs, 11,028; barreled poultry, 4,200 pounds.

\*\* The cup of affliction of David A. Morrison, a butcher, of Brooklyn, is indeed full. Last summer he left the two stores that he

owns in the "City of Churches" and conducted a hotel at Averno, L. I. While there he met and fell in love with Miss Elsie Goldsmith, of 807 Halsey street, Brooklyn, who, with her father and two sisters, selected Averno as her summer home. The lovers were married on Tuesday last and within twelve hours Mr. Morrison was bereaved of his wife. She was stricken with appendicitis. The funeral was held Thursday. Mr. Morrison has the sympathy of a host of friends in his grief.

\*\* Mr. A. I. Wallace, of the well-known firm of A. I. Wallace & Co., opposite West Washington Market, has just returned from a very successful business trip in the West. Mr. Wallace speaks hopefully of the future from a business standpoint, taking it for granted that Mr. McKinley will be the nation's choice during the coming week.

IF YOU SAVE

## \$1 A WEEK

For 15 weeks, it will pay for a

### Baxter Register.

\$1 a week is not much per day, and you probably lose more than that in neglecting to make charges, to say nothing of the loss in cash sales.

Drop us a postal; we will tell you how our system guards your business.

### Baxter Bros. & Co.

340 Dearborn Street,

CHICAGO.

BEWARE OF INFRINGEMENTS.

CERTIFICATE OF ANALYSIS. MESSRS. B. HELLER & CO., Chicago.—We have analyzed and tested your Zanzibar Carbon and have found the same to be free from any injurious substances and also to be well adapted for the purposes for which you recommend it. We therefore do not hesitate to endorse the use of same to the meat and provision trades. Yours very truly,  
 THE NATIONAL PROVISIONER ANALYTICAL LABORATORY,  
 Official Chemists to the New York Produce Exchange.  
 H. E. STURCKE, Ph. D. Chief Chemist.  
 NEW YORK, AUG. 14TH,  
 1896.

# ZANZIBAR-CARBON

TRADE-MARK REGISTERED

.. WE ..  
 FIGURE THIS WAY.

All we want is an opportunity to convince you that it is to your advantage to use Zanzibar Carbon, and kindly ask you to write for Sample, Catalogue and other coloring matter. Price List. Those who have tested Zanzibar Carbon, prefer it to all other coloring matter. B. HELLER & CO., MANUFACTURING CHEMISTS,  
 249-253 S. JEFFERSON ST., CHICAGO, ILL.

Sample and 50 page book on coloring meats and sausages, FREE.

**SWIFT'S****Chicago Dressed  
BEEF, MUTTON, LAMB, VEAL, PORK**

AND A FULL LINE OF

**SWIFT'S FINE PROVISIONS**G. F. and E. C. SWIFT, Proprietors.  
General Offices, 105 Barclay St., N. Y.Can be had at our branch houses in New  
York, Brooklyn and Jersey City.**BRANCH HOUSES:**  
**NEW YORK,**G. F. & E. C. Swift, 105 Barclay St.  
Gansvoort Beef Co., 22 and 24 10th ave.  
Washington Market Sheep Co., W. Washington Market.  
Swift Provision Co., Cor. 12th St. and 10th ave.  
G. F. Swift & Co., Manhattan Market (W. 35th St.).  
Swift Sheep & Poultry Co., 11th ave., 34th and 35th sts.  
North River Beef Co., Foot W. 34th St.  
Riverside Beef Co., 120th St. and 12th ave.  
Swift Bros., Morrisania, 799 and 771 Westchester ave.  
Harlem Beef Co., Foot East 127th St.  
Murray Hill Beef Co., Foot East 131st St.  
Centre Market Beef Co., Cor. Centre and Grand sts.**BROOKLYN.**Swift Brothers, 182 and 184 Fort Greene place.  
Ft. Greene Sheep & Provision Co., 172 Ft. Greene place.  
Williamsburgh Beef Co., 100 and 102 N. 6th St.  
Brooklyn Beef Co., 74 and 76 Atlantic ave.**JERSEY CITY.**Swift & Company, Ninth St. Market, 138 9th St.  
Swift & Company, Wayne St. Market.**THE CUDAHY PACKING CO.****Packers of REX BRAND****PROVISIONS, CANNED GOODS AND BEEF EXTRACT.****SHIPPERS OF CHOICE****Dressed Beef, Hogs, Sheep, Calves, Beef and Pork Cuts, and all  
kinds of Tripe and Sausages.****ALSO MANUFACTURERS OF BUTTERINE.****HARRISBURG, PA.,**  
OPERATED BY  
**HARRISBURG PROVISION CO.****LIVERPOOL, ENG.****PACKING HOUSES.****SOUTH OMAHA, NEB.** **CHICAGO, ILL.**  
**SIOUX CITY, IA.** **LOS ANGELES, CAL.****BRANCH HOUSES.**The Cudahy Packing Co., Manhattan Market, New York.  
" " " " Manhattanville " "  
" " " " Ft. Greene Place, Brooklyn.  
" " " " 1 Blackstone St., Boston, Mass.  
" " " " Clinton Market, " "  
" " " " Worcester, Mass.  
" " " " Fall River, " "  
" " " " Pittsburg, Pa.  
Holmes' Provision Co., Holyoke, Mass.  
Nashua Beef Co., " Nashua, " "  
Lee & Hoyt, " " New Haven, Conn.  
McElroy Bros., " " Bridgeport, " "  
Omaha Beef Co., " " Danbury, " "  
Waterbury Beef Co., " " Waterbury, " "  
W. W. Coates & Co., " " Providence, R. I.  
A. H. Warthman Co., " " Philadelphia, Pa.**WICHITA, KAS.****NEW YORK CITY.****THE JACOB DOLD PACKING CO.****BUFFALO, N. Y.****WHOLESALE.****KANSAS CITY, MO.****CURERS OF THE HIGHLY  
CELEBRATED  
"WESTPHALIA"****BRAND OF****Sugar Cured Hams,  
Shoulders and Bacon.****PORK AND BEEF PACKERS****THE "BUFFALO" BRAND OF****Canned Meats and Delicacies:****MANUFACTURERS OF THE  
ONLY GENUINE****WHITE ROSE****BRAND LARD,****Guaranteed Absolutely Pure  
Hog Product.****Corned Beef, Roast Beef, Ox Tongue, Lunch Tongue, Potted Ham, Devilled Ham, Chipped Beef, Fine English Brawn.**

Once tried, your trade will always ask for "Dold's" Canned Meats.

These goods stand unsurpassed for Quality, Color and Flavor.

**THE ONLY HOUSE IN BUFFALO PRODUCING GOVERNMENT-INSPECTED MEATS.****OLEO OIL, LARD OIL, HOG AND BEEF CASINGS,  
NEATSFOOT OIL, BLOOD, TANKAGE, TALLOW, HIDES.****OUR AIM IS TO PLEASE AND SUIT THE TRADE.  
SPECIAL ATTENTION PAID TO FOREIGN TRADE.****ANGLO-AMERICAN PROVISION COMPANY, CHICAGO  
FOWLER BROS. (LIMITED), NEW YORK AND LIVERPOOL.****Pork Packers, Lard Refiners and Sausage Makers.****SOLE PROPRIETORS  
OF THE UNRIVALED AND JUSTLY  
CELEBRATED  
BRANDS OF MEATS AND LARD:****Delmonico Peach and Cherry Brands  
OF SMOKED MEATS.****Peach Leaf Lard. Apricot Lard.  
ROYAL LILY COMPOUND.**

Agents in most of the principal cities in the United States. Correspondence solicited.

**ANGLO-AMERICAN PROVISION CO.****ORGANIZED 1888.****The New York Butchers' Calfskin Association,  
OFFICE, 407 E. 47th STREET, NEW YORK CITY.****Sell your calfskins to us. We divide all profits to stockholders. No other  
dealers do this.****Our wagons call at your place for calfskins.****KINGAN & CO., Ltd.,****Pork and Beef  
Packers,****INDIANAPOLIS, - - IND.****BRANCHES:****RICHMOND, VA.**  
**NEW YORK, Manhattan Market.**  
**PHILADELPHIA, PA., Vine Street.**  
**BALTIMORE, MD., South Street.**  
**MEMPHIS, TENN.**  
**SAN FRANCISCO, CAL.**



## KANSAS CITY LIVE STOCK REPORT.

During the past week the cattle market was very dull and dragging, showing lower prices; the prices of hogs slightly higher, with sheep fairly holding their own.

Receipts of cattle Kansas City past week..... 49,532  
 " " corresponding week in 1895... 41,565  
 " " " " 1894... 50,614  
 " " " " 1893... 53,328

Receipts in Chicago, St. Louis, Omaha and Kansas City for past week..... 139,400  
 Same cities corresponding week 1895... 139,500  
 " " " " 1894... 158,700  
 " " " " 1893... 173,800  
 " " " " 1892... 163,600

Slaughter Kansas City packers last week:

	Cattle.	Hogs.	Sheep.
Armour Packing Co.....	10,628	16,213	6,030
Swift & Co.....	9,878	14,156	5,550
Schwartzchild & S. Co.....	4,300	1,370	1,492
Jacob Dold Packing Co.....	690	4,988	330
Geo. Fowler, Son & Co.....	176	8,213	63
Total.....	25,570	42,835	13,365
Slaughter previous week.....	29,903	50,752	10,746
Slaughter corresp. week, 1895, 22,354	48,430	15,152	
" " " " 1894, 29,652	40,043	5,941	

It is some time since so few cattle fit for export were reported on Kansas City market. Dry lot, fancy cattle were very scarce, the lightest in over two years. For export only 22 cars against 149 cars in 1895. Not that English quotations gave any lower values, as cables gave American steers 10@11. The best price paid past week for some fancy cattle, \$4.50. Swift purchased some fancy 1,474 lb average at \$4.50. Schwartzchild paid for 1,450 lb average, \$4.25. Some very fair native steers sold at \$4. A very fair grade of shorted Westerns sold at \$3.40. Native cows and heifers scarce, meeting with ready sale, going at \$2.90@3.50. Quite a run of Western cows going from \$2@2.90, a number of canners selling \$2.15@2.20. Western range cattle in good supply; steers selling from \$3@3.60, cows \$2.25@2.50. Of the number of cattle received, some 42,000 in the so-called native division and a few over 7,000 in the Texas or Quarantine division. Texas steers brought as high as \$3.20—the bulk say from \$2.25@3.10. Texas cows from \$1.85@2.25; a few fancy Texas heifers selling at \$3. The feeders were in "unlimited" supply. The market for such the first few days very slow and dull. They were carried over from one day to the other, and fully a break of 20c. per 100 lb recorded. To be sure desirable stock was quickly taken and some fancy stock sold at \$4. The general run of prices, not taking into account "the poor trash" that will come in the best of regulated societies, say \$3@3.60. However we closed up the week with a pretty fair record, say the second largest week in the history of the trade. And taking the time—a week before such a national election as this—the prices paid, and the amount purchased, is very creditable to this market. Put it like this:

Chicago shipments of feeders past week, 205 cars.

Omaha shipments of feeders past week, 300 cars.

Kansas City shipments of feeders past week, 691 cars.

Pretty fair showing! The Cudahy's, of Omaha, cannot keep away from this market. They purchased here last week some 1,229 head of cattle. Had they slaughtered them here Kansas City would be very much pleased. Of the other outside purchasers of cattle, Eastman only 103 head, still no fault of theirs for they stood ready, but where the cattle? Hammond, another of these outside gentlemen that will have to come ultimately to Kansas City to slaughter, purchased 344 head. The St. Joseph Packing and Transportation Co. purchased 396 head; Hall, 179; United Dressed Beef Co., 18 head; and Swift, 212 head. It may be noticed that one of Kansas City's packers slaughtered some four times as many cattle as all the other purchasers put together. Reports from Texas state that already arrangements have been made to feed some 60,000 to 70,000 cattle at the cotton oil mills. If money were not so scarce quite a number more would have been fattened, but with the present foolish scare the best and safest paying investment in the country is left to suffer. From present indications it would seem that there would be a 40 per cent. shrinkage in numbers over last year, but it is yet hoped and expected that after November election is safely passed, money will grow easier and then the shortage will not be over 25 per cent. behind last year. So far local, home

money of Texas is used more largely than ever before in purchasing feeders, and this is a most sensible thing as it will keep the interest where it belongs, to help to further develop the interest of that mighty Empire of the Lone Star State. Humps! If our Government could only "hit" on some financial policy to keep all interest at home, what nation in all the world would be our equal? This present silver agitation may yet, under wise management, be a veritable boom to the United States, and the statesman who can find the way, so that money can be borrowed at home, and not abroad, will be a greater man than the Father of his Country. This problem will be solved, and when it is discovered, all our present great financiers will be kicking themselves for their past stupidity.

Receipts of hogs Kansas City for past week..... 44,667  
 Receipts corresponding week, 1895..... 52,288  
 " " " " 1894..... 48,403  
 " " " " 1893..... 28,305

Receipts of hogs Chicago, Omaha, St. Louis and Kansas City for past week..... 260,200  
 Same cities corresponding week 1895..... 271,000  
 " " " " 1894..... 256,200  
 " " " " 1893..... 196,500  
 " " " " 1892..... 258,600

The quality of the hogs of the past week was not up to the usual standard, not good enough for the Kansas City market, too many Southern, too many half, and too many thirds fat hogs. And the numbers not satisfactory either. Some account for the shortage by the car famine, cars being very scarce on a good many railways. Some think the hogs held back owing to election week so near at hand. It is to be noticed that the average is also a trifle lighter than former weeks, the third week of October giving 224 lb average against corresponding weeks of 222 lb in 1895 and 202 lb in 1894. Only 1,884 hogs shipped out to other points during last week, Boston heading the list with seven cars, four cars to St. Louis, two cars to Chicago, one to Patterson, and last, but not least, Cudahy's, Omaha, had to come here and purchase five cars. Taking the price of corn and cattle into consideration and the prices paid for hogs are very satisfactory. The extreme price paid for hogs corresponding week one year ago, only \$3.80—the bulk for that week \$3.55@3.70—so that prices are lining up. To be sure prices one year before that (1894) gave \$1.35 per 100 lb higher. But we must be thankful for "a creeping up." Last week some young pigs averaging 113 lb sold at \$3.40, a pretty fair run at \$3.20@3.30. Light hogs started out Monday at \$3.25@3.35, holding their own, and closed Saturday \$3.25@3.37½. Mixed packing to prime medium started out \$3.15@3.30 and slowly gained and kept the price Saturday \$3.25@3.35. Heavy hogs in good demand. To be sure some coarse common and extremely heavy sold at \$3.15@3.20 on the highest day, but Monday giving \$3.15@3.25 gave an ending Saturday at \$3.20@3.30. For the week Monday tops \$3.35 and Saturday tops \$3.37½. Bulk Monday, \$3.20@3.30, with a fraction gain until Saturday \$3.25@3.35. The cholera scare is yet in the land, and bad reports from different sections, but it must be remembered bad news travels quickly and loses nothing by the coming. The plague seems confined to sections, bad reports from places in Iowa, Nebraska, parts of Western Missouri and Eastern Kansas. However, if 1,000,000 were lost to the trade, while a sad loss to the farmers, it is questionable if a loss to the farmers as a body, for it must be remembered that the present price of October hogs is the lowest of any October in the last seventeen years. The wall comes from Texas that hogs are very scarce there, the farmers of Texas sending over 50,000 to Kansas some months ago, and now they wish them back as they underestimated their corn crop. Talking of hogs it is to be observed that Armour has been shipping quite a quantity of lard lately to Europe via the Southern ports; and last week Jacob Dold & Co. sent that way to Europe a large shipment of lard. But if the Southern ports cannot handle such goods with more care there is little hopes that the Southern gateway will be very popular with the packers. The method of handling "crude and rough," and the captains of the "tramp" steamers are very careless in receiving such if any quantity of cotton can be stowed to better advantage. To be sure after a time the railroad companies will wake up to this, and the "tramp" captain will realize that our hog crop is an immense thing in its way and will pay to handle with care.

Receipts of sheep in Kansas City past week... 26,410  
 " corresponding week 1895..... 25,943  
 " " " " 1894..... 14,628  
 " " " " 1893..... 7,111

Receipts in Chicago, St. Louis, Omaha and Kansas City for past week..... 111,260  
 Receipts same cities corresponding week 1895... 104,400  
 " " " " 1894... 89,000  
 " " " " 1893... 99,100  
 " " " " 1892... 62,000

Native sheep coming forward more plentiful, for which packers are duly thankful. They want good sheep, there is a steady demand for such. Lambs sold at \$4.25; muttons, \$3.15 per 100 lb. Utah lambs, \$3.75 and muttons \$2.50@2.80. The Utahs were fairly good. Anything "decent" found quick purchasers, but quite an amount of "poor truck." Some 1,049 Colorado stockers of 87 lb average sold \$1.75 per 100 lb. The feeders drove considerable to corn cribs and pastures of Missouri and Kansas.

## IS HE A SWINDLER?

A man giving his name as William Winkler, of 204 Main street, Hartford, Conn., representing himself as a partner of the dissolved firm of Winkler & Hrupe, of that city, saying that he purposed going into business for himself as a dealer in sausages, entered the store of Plant & Stretch, spices, 80 Pearl street, New York City, last Saturday and bought a bill of goods amounting to \$800. He gave a check on the Hartford Trust Co. The goods were to be shipped Wednesday. With his characteristic business precaution, Mr. Stretch wired to the Hartford Trust Co., and received the cheering intelligence that Winkler's check was "n. g." It is needless to say that Plant & Stretch did not ship any goods to Mr. Winkler.

Winkler also went Saturday to Beckstein & Co., sausage casings, at 12 Coenties Ship, but luckily the firm did not do any business with him.

Less than two weeks ago, Winkler entered the store of Jackson & Co., butchers' outfit, of 626 Tenth avenue, and bought goods to the amount of \$155. The firm had no hesitancy in selling to him, as he was an old customer, having bought of them three or four years ago. His credit was then good. Winkler gave the Jackson people a check, also on the Hartford Trust Co., and it was Mr. Jackson's intention to inquire into its responsibility before using it, but in the hurry of business, the check was deposited. After waiting a reasonable length of time to ascertain whether the check was good, Jackson & Co. naturally concluded, not having had any information to the contrary, that it was "O. K.," and the goods were shipped to Hartford. In the course of time, the firm was surprised to receive the check, accompanied by a protest notice. They immediately took steps to recover the goods and the latter arrived from Hartford Monday of this week and yet remain packed awaiting a buyer for them just as they stand.

Winkler's whereabouts is not known, but it is said the Hartford police are desirous of capturing him, because of other offences in addition to this one. Winkler is described as being about five feet, eight inches in height, thick set, with light hair, blue eyes and a sandy mustache. He is a slick talker with a strong German accent.

There are altogether too many individuals of suspicious business methods floating around and an example should be made of them if caught. In the instance above cited, Winkler fortunately had but comparatively little success in his alleged nefarious designs. We would say to the men in the trade, keep a sharp eye on such men and if the circumstances warrant, "put the screws on them" tight.

IF YOUR MEATS TURN SOUR; IF YOUR PICKLE BECOMES "ROPEY;" IF YOUR HAMS DO NOT SMOKE WELL; IF YOUR LARD IS SOFT AND GREASY, SEEK RELIEF BY CONSULTING OUR ANALYTICAL LABORATORY.

THE LEADING HOUSE.

**H. WM. DOPP & SON,**

MANUFACTURERS OF

**SOAP MAKERS' and BUTCHERS' MACHINERY,**

462 ELLICOTT STREET, BUFFALO, N. Y.. U. S. A.



STEAM JACKETED KETTLE.

ONLY HIGH GRADE GOODS AND ABSOLUTELY THE BEST.  
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 Improved Lard Dryer, Mixer and Cooler,  
 Steam Jacketed Vacuum Pans, etc.* Full Line of Soap Makers' Machinery.

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For the Preservation of all kinds of Food Products, Milk, Cream and Butter. Fish, Flesh or Fowl, Fruits and Vegetables without the use of ice or any other preservative.

**CALLERINE**  
 WILL PRESERVE MEATS OF ALL KINDS.

**WE GUARANTEE**

CALLERINE to be entirely free from Salicylic, Boracic or Benzoic Acid, Coal Tar Products or any Salt or Compound of the same.

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 THE BEAUMONT CO., 125 HUDSON STREET, NEW YORK.  
 I. L. NEWMAN, 6 S. HOWARD STREET, BALTIMORE, MD.  
 CALLERINE MFG. CO., 34 W. Chestnut St., Lancaster, Pa.

**Certificate of Analysis.**

New York, July 1, 1896.

THE CALLERINE MANUFACTURING CO.,  
 612 Arch Street, Philadelphia, Pa.

Dear Sirs:—We have analyzed and tested the preserving fluid called "CALLERINE," and have found the same to be an excellent and effective preservative for food of all kinds and to be free from harmful ingredients, and we therefore gladly endorse the use of same.

Respectfully,

THE NATIONAL PROVISIONER ANALYTICAL LABORATORY.  
 H. E. Stürcke, Ph.D., Chief Chemist.

**THE CALLERINE MANUFACTURING COMPANY,**

612 ARCH STREET, PHILADELPHIA.

**CAN YOU AFFORD TO TAKE CHANCES?**

IF YOU ARE IN THE MARKET FOR SCALES,  
 WRITE TO US,

... ONLY ONE GRADE  
 STRICTLY FIRST-CLASS.

Adopted by United States Government.

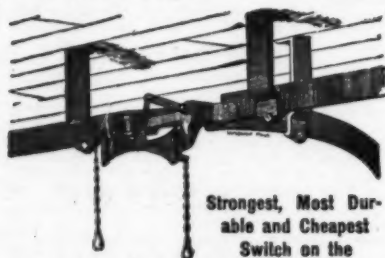
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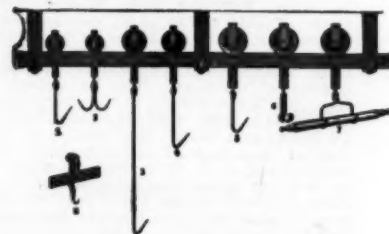
**BUFFALO SCALE COMPANY, Buffalo, N. Y.**  
**HEADQUARTERS FOR TRACKING.**


Get our Prices  
 on Clamp Bolt  
 Hangers,  
 280,000 in use.



Strongest, Most Durable  
 and Cheapest  
 Switch on the  
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8,000 SWITCHES USED BY LEADING PACKERS.



400,000 MOYER'S ROLLERS IN USE.

SEND FOR PRICES.  
 WE CANNOT BE UNDERSOLD.

**J. W. MOYER,** 2217 NORTH 11th STREET,  
 PHILADELPHIA, PA.



## OLEOMARGARINE.

We have received from Henry E. Alvord, Chief of Dairy Division, United States Department of Agriculture, the following statement, which we print in full:

### TABLE FROM REPORTS OF COMMISSIONER OF INTERNAL REVENUE.

FACTS AS TO OLEOMARGARINE.

Receipts by Treasury Department for Years Stated:

Years.	1. Receipts, 2c.	2. Manufacturers.	3. Wholesale.	4. Retail.	5. Total for Year.
1887.....	\$438,924.04	\$31,700.00	\$101,400.00	\$154,924.00	\$723,948.04
1888.....	653,385.10	17,150.00	73,376.21	123,558.84	864,139.88
1889.....	677,302.40	12,400.00	73,914.00	130,631.81	894,247.91
1890.....	619,305.72	11,700.00	55,318.00	100,068.00	786,391.72
1891.....	871,488.44	6,980.00	53,192.00	146,293.70	1,077,924.14
1892.....	945,675.00	10,400.00	106,036.00	204,215.00	1,266,326.00
1893.....	1,301,235.50	15,350.00	115,644.00	238,414.00	1,670,643.50
1894.....	1,328,558.00	11,250.00	107,394.00	276,277.90	1,723,479.00
1895.....	1,065,293.40	8,950.00	98,784.00	236,183.78	1,409,211.18
1896.....	952,476.40	7,840.00	80,146.00	178,969.60	1,219,432.00

NOTES.—Years are those of U. S. Treasury Department ending June 30. Figures for 1896 are unofficial, subject to revision. The columns of figures above mean: 1. "Receipts, 2c." total receipts of tax on manufacture at 2c. per lb. Divide amounts by 2c. and the results give pounds made annually. 2. "Manufacturers," the gross amount of special license taxes paid by manufacturers. 3. "Wholesale," gross amount of licenses of wholesale dealers. 4. "Retail," Gross amount of licenses of retail dealers. 5. Total annual receipts of United States on account of Oleo.

## NEW YORK MARKETS.

### OCEAN FREIGHTS.

Quietude is the prevailing feature in the freight market, and as matters look now, a drop in rates would not be a surprising occurrence. The prime factor which now sustains the market is the quantity of room which has already been secured far ahead. It is practically assured that provision rates will remain as at present until after Christmas, however fluctuations may affect other commodities. Owing to the heavy shipments for the Christmas market, it is announced that 5c. per ton will be added to present bacon rates, the increase taking effect at the commencement of the present week; 25s. per ton is now quoted at 30s. for next week.

The leading houses report that thousands of boxes of bacon more than those now being exported, could be shipped weekly, if room were available. The high rates have practically stopped the exports of certain goods, notably apples, the low price of the latter not warranting the advance.

Sail tonnage is also very quiet, while no improvement is expected pending the result of the political struggle.

Canned meats are quoted at 25s. per ton to Liverpool; tallow, 30s.; pork, 3s. 6d. per barrel, and cotton oil, 4s. 6d. per barrel.

### LIVE CATTLE.

The dullness that has struck every other branch of the live stock business was felt by the cattle trade. The receipts are not large, still buyers fight shy of taking more than enough to do them from one market day to another. Prices ruled a shade lower on all grades but choice stock on each succeeding market. The medium grades seem to suffer the most. The bulk of the offerings were from nearby States. Rough butcher stock sold rather slow all the week. Among the offerings were a few loads of Westerns.

Latest cables quote American steers at 10¢@10½¢ dressed weight; American sheep at 8½¢@9¢ dressed weight; refrigerator beef, 7½¢@8½¢.

A year ago good to prime steers sold in this market at \$4.45@4.85 per cut.

Good to choice Natives.....	4 30 a 4 60
Poor to medium ".....	3 40 a 4 10
Texans and rangers.....	2 65 a 3 95
Cows and Bulls.....	1 10 a 2 95
Oxen and Stags.....	2 40 a 4 10

Shipments of live stock and dressed meats from the United States and Canada for the week ending Oct. 27, 1896, was as follows:

	Live Cattle	Live Sheep	Quarters Beef
New York.....	1,905	1,664	9,300
Boston.....	2,090	1,341	10,606
Baltimore.....	297	.....	.....
Philadelphia.....	711	.....	.....
Montreal.....	2,313	2,711	1,104
Newport News.....	322	.....	.....
	7,678	5,614	21,010

### Destination of shipments:

	Live Cattle	Live Sheep	Quarters Beef
London.....	2,254	1,486	8,218
Liverpool.....	3,349	3,096	15,392
Glasgow.....	1,396	728	.....
Southampton.....	.....	.....	2,400
Hull.....	135	.....	.....
Bristol.....	200	.....	.....
Newcastle.....	166	156	.....
Bermuda & W. I.....	79	148	.....
	7,678	5,614	21,010

### LIVE CALVES.

The calf market was generally rated lower all week. The receipts footed up about the same as the week previous. Veals sold very low. Grassers seemed to have the call over Westerns, as they generally were of a handy weight, which seemed to be what buyers were looking for. We quote:

Good to prime veals.....	6 25 a 7 00
Poor to medium veals.....	4 75 a 5 75
Grassers.....	2 25 a 2 87½
Westerns.....	3 20 a 4 10
Fed Calves.....	3 50 a 4 25

### LIVE HOGS.

The market has ruled about steady all week on handy weights of hogs and light pigs, while all other grades slumped a little, especially roughs. The receipts were a trifle heavier than of late, especially Western purchased hogs shipped direct to local slaughterers. We quote:

Hogs, heavy.....	3 40 a 3 65
Hogs, light to medium.....	3 80 a 4 10
Pigs.....	4 25 a 4 60
Roughs.....	3 00 a 3 30

### LIVE SHEEP AND LAMBS.

The market opened up with a more active demand and on each succeeding day, owing to advices of meagre receipts, salesmen were able to advance prices so that at the close quite a gain is to be noticed on all grades. We quote:

Heavy lambs are not wanted by the trade, as they find them hard to dispose of. We quote:	
Good to choice lambs.....	4 50 a 4 87½
Poor to medium lambs.....	3 75 a 4 20
Good to choice sheep.....	3 20 a 3 60
Common to medium sheep.....	2 40 a 3 05

### DRESSED BEEF.

This has been a week of unusual dullness in the beef trade. Buyers as a rule were well stocked with beef from the week previous, as they had lots of goods hanging on the storage rails of the different beef concerns. The weather was quite an important factor, owing to it being soft and mild butchers were compelled to get rid of their surplus stock or else it would spoil on them. The receipts would equal the previous week and prices on some

grades show a slight improvement, while others, especially any dark cutters or rough stock, had to be forced out, so as salesmen could clean up the different lots. The quality was a slight improvement over last week. We quote:

Choice Native, heavy.....	7½ a 7¾
" light.....	7 a 7¼
Common to fair Native.....	6 a 6½
Choice Western, heavy.....	7 a
" light.....	6 a 6¼
Good to prime Texan.....	5½ a 6
Common to fair Texan.....	4½ a 5½
Good to choice Heifers.....	5½ a 6
Common to fair Heifers.....	4½ a 5
Choice Cows.....	5 a 5½
Common to fair Cows.....	3½ a 4½
Good to choice Oxen and Stags.....	5 a 6
Common to fair Oxen and Stags.....	4 a 5
Choice Bulls.....	4 a 5
Common Bulls and Cows for Bologna.....	2 a 3½

### DRESSED CALVES.

The market shows no change of a quotable character outside of Western calves, which were in lighter supply and did not have to be forced out at ruinous prices, the same as last week. Countries were not very plentiful. Local slaughtered veal firm in price, although not any higher. We quote:

Good to choice veals.....	9 a 11
Common to medium Veals.....	6 a 8
Westerns, heavy.....	4½ a 5½
" light and medium.....	7 a 8
Grassers.....	4 a 4½

### DRESSED HOGS.

The week closed with hogs selling a shade lower and pigs rule about steady. The receipts, if anything, were short of previous arrivals, but the warm weather prevailing cut off the demand to some extent. We quote:

Hogs, 180 and over.....	4½ a 4¾
Hogs, 140 and over.....	4 a
Hogs, 120 and over.....	4½ a 5½
Pigs.....	5 a 6½
Roughs.....	3½ a 4

### DRESSED SHEEP AND LAMBS.

The volume of business transacted during the past week was rather light, owing to the poor demand. At the opening of the market prices recovered somewhat from the ruinous figures they were being sold for at the close of last week, and the improvement continued all during the market on the medium and handy weights of sheep and lambs. Coarse and heavy stock were hard sellers. We quote:

Good to choice lambs.....	7½ a 8
Common to medium lambs.....	5½ a 6½
Good to prime sheep.....	5½ a 6
Common to medium.....	4½ a 5

### LIVE POULTRY.

There was a fairly active demand all week and stock sold well, especially fowl. Chickens in fair supply and prices held steady. Choice turkeys are scarce and would sell well if any were offered. Ducks were inquired for, also geese. Pigeons weak and lower. Roosters sold higher than of late. We quote:

Fowls, Local, per lb.....	9½ a 10
Western, per lb.....	9½ a 10
" Southern.....	8½ a 9½
Chickens, local, per lb.....	8 a 8½
" Western, ".....	8 a 8
" Southern, ".....	8 a 8
Roosters, old, per lb.....	8½ a 9
Turkeys, mixed.....	8 a 8
Ducks, Western, per pair.....	60 a 70
" Southern, per pair.....	60 a 60
Geese, Western, per pair.....	1 25 a 1 50
" Southern, ".....	1 00 a 1 25

### DRESSED POULTRY.

The receipts are heavier than the corresponding days last week. Trade ruled dull until near the close when some signs of activity were shown. Plenty of stock had to be sold low as it is common and lays around the dealers' stores all week before they can find a buyer for it. Chickens as a rule are running poor, also the fowls are of an irregular quality and size. Turkeys are in liberal supply and sell low. New Eastern geese arriving. Squabs in good demand and firm. We quote:





Turkeys, young, av. best, as they run.....	9½ a 11
" " culls.....	5 a 7
" " old, mixed weights, per lb.....	10 a 11
Chickens, Philadelphia, selected.....	14 a 15
" " common to good.....	9 a 12
" " Western, d. p., fancy.....	8½ a 9
" " " av. prime.....	7½ a 8
" " " common.....	5 a 7
" " " scalded, choice large.....	8½ a 9
" " " av. prime.....	7½ a 8
" " " poor to fair.....	5 a 7
Fowls, Western, dry-picked, choice.....	7½ a 8
" " " scalded, av. prime.....	7½ a 8
" " " poor to fair.....	6 a 7
Old Cocks, Western, per lb.....	5½ a 6
Spring Ducks, Eastern and Long Island, lb.....	13½ a 14
" " Western, mixed, per lb.....	10 a 11
Old Ducks, Western.....	7 a 9
Spring Geese, Eastern, per lb.....	14 a 15
Squabs, choice, large, white, per doz.....	1 75 a 2 00
" " poor to good, per doz.....	1 25 a 1 50

**GAME.**

The late mild weather has hurt the sale of game as most of the arrivals for any great distance come in bad shape. Prime grouse is hard to get. Partridges are plenty with very little demand. Quail seems poor with very few fancy lots shown. Venison in fair supply. Rabbits dull. We quote:

Quail, choice, per doz.....	a 2 00
" " small.....	1 00 a 1 50
Partridges, near-by, per pair.....	85 a 95
" " Western, undrawn, prime, pair.....	a 75
" " " prime, drawn.....	a 50
Grouse, Western, prime, per pair.....	1 09 a 1 15
Woodcock, fair to choice, per pair.....	75 a 1 00
Wild Ducks, canvas, per pair.....	2 00 a 2 50
" " readheads, per pair.....	1 00 a 1 75
" " mallard, per pair.....	50 a 80
" " blue wing, teal, per pair.....	a 40
" " green wing, teal, per pair.....	25 a 30
" " common, per pair.....	20 a 25
Rabbits, per pair.....	25 a 30
Venison, short saddles, per lb.....	20 a 25
" " long " ".....	20 a 22
" " whole deer, " ".....	10 a 13

**COTTONSEED OIL.**

Cottonseed, crude, prime.....	23 a 29
" " loose, f. o. b. mills.....	18 a 13
" " Summer yellow, prime.....	26½ a 27
" " " off grade.....	26½
" " Yellow, butter grades.....	28 a 2½
" " White, prime.....	29 nom.

**STEARINES.**

La d, city.....	4½
Lard, Western.....	4½
Oleo, New York.....	4½
Oleo, West.....	4½
White grease.....	3½
Yellow grease.....	3½

**LARD PRODUCTS.**

Lard, refined, Continent.....	\$4.45
Lard, refined, So. America.....	4.80
Lard, refined, Brazil (10 lb. kegs).....	5.90
Lard, neutral, Western, here.....	4½ a 4¾
Lard, neutral, West.....	4½
Lard, compound, city.....	3½ a 4
Lard, compound, Western.....	4 a 4½
Lard, compound job lots.....	4½ a 4¾

**GREASES.**

Brown.....	2½ a 2¾
Yellow.....	2½ a 3½
White.....	3½ a 3¾
House.....	2½ a 3

**BUTCHERS' SUNDRIES.**

Fresh Beef Tongue.....	35 to 60c
Smoked Beef Tongue.....	11½ to 12½c
Calves' heads, scalded.....	15 to 25c a piece
Sweet breads.....	20 to 50c a pair
Calves' livers.....	20 to 30c a piece
Beef kidneys.....	4 to 8c a piece
Mutton kidneys.....	2c a piece
Livers, beef.....	20 to 45c a piece
Oxtails.....	3 to 5c a piece
Hearts, beef.....	4 to 8c a piece
Rolls, beef.....	6 to 8c a lb
Butts, beef.....	6 to 8c a lb
Tenderloins, beef.....	16 to 20c a lb
Lamb's fries.....	5 to 7c a pair

**LARD OIL.**

Lard, prime city, present make.....	40 a 41
" " Western.....	60 a 74
Neatsfoot, white.....	50 a 57
" " prime.....	47 a 50
" " No. 1.....	43 a 45
" " No. 2.....	3½ a 3¾
Red saponified.....	2½ a 31
Tallow, prime.....	37 a 38

**THE GLUE MARKET.**

The demand continues fair and judging from the inquiries now arriving we are warranted in looking forward to a material improvement in market conditions next month. Foreign makes are not of interest to consumers, although firmness in prices is a prevailing feature. We quote:

A Extra, white.....	22c
1 Extra ".....	18c
1 " ".....	16c
1½ " ".....	14c
1½ Hide, brown.....	13½c
1½ " ".....	13c
1½ " ".....	12c
1½ Bone.....	10c
1½ " ".....	9c
1½ " ".....	8c
2 " ".....	7c

**CHEMICALS AND SOAP MAKERS' SUPPLIES.**

74 per cent caustic soda, 2½ for 60 per cent; 77 per cent caustic soda, 2.25 for 60 per cent; 60 per cent caustic soda, 2.40 lb; 98 per cent powdered caustic soda, 4c. lb; sal soda, 70c. per 100 lb; carb. of potash, 5½c; caustic potash in drums, 600 lb, 5½c; small drums, 6½c; borax, 6½c. lb; tale, 1½c. lb; Cochua cocoanut oil, 6½c. lb; Ceylon cocoanut oil, 5½c. lb; palm oil, 5c. lb in casks; yellow olive oil, 55c. gallon; green olive oil, 50c. gallon; green olive oil foots, 4½c. lb; cottonseed oil, 27½c. gallon; cottonseed soap stock, 1½c. lb; rosin, \$2.25 to \$3 per 280 lb.

**The Fertilizer Market.**

A very quiet tone is in evidence, in this, as in other markets, the election largely slaying business. A firm feeling is manifest in the West, but buyers are not yet willing to concede the higher prices asked by the packers. We quote:

Tankage, 9 to 9½ am.; 5 to 10 phos.....	\$13.00 f.o.b.
" " " 18 to 20 ".....	13.00 "
" " " 12 to 12 ".....	13.50 "
Dried blood, per unit of ammonia.....	\$1.35
Concentrated tankage.....	\$1.27½ a \$1.30
Ground bone, fine average, per ton.....	\$19.00 a \$21.00
Kainit, future shipment, per 2,000 lbs.....	8 80 a 9 25
Kainit, ex store, in bulk.....	8 80 a 9 25
Keisacret, future shipments.....	7 35 a 7 80
Muriate potash, 80 per cent, fut. ship.....	1 78 a 1 81½
Muriate potash, 80 p. c., ship, ex store.....	1 80 a 1 82½
Nitrate of soda, spot.....	1 75 a 1 77½
Nitrate of soda, futures.....	1 80 a 1 85
Double manure salt (48 a 49 per cent less than 2½ per cent chloride), to arrive, per lb. (basis 48 per cent).....	1 03 a 1 05½
The same, spot.....	1 03 a 1 05½
High grade manure salt (90 a 96 per cent sulphate potash), to arrive (basis 90 per cent).....	1 99½ a 2 03
Manure salt in bulk, 24 a 36 per cent, per unit O. P.....	36½ a 38
Bone black, spent, per ton.....	16 00 a 16 50
Ammonia superphosphate, high grade, sulphate ammonia, for gas, per 100 lbs.....	25 00 a 26 00
Sulphate ammonia, for bone, per 100 lbs.....	2 15 a 2 20
South Carolina phosphate rock, ground, per 2,000 lbs.....	5 00 a 5 25
South Carolina phosphate rock, undried, f. o. b. Ashley River, per 2,240 lbs.....	3 00 a
The same, dried.....	3 25 a 3 40

**BALTIMORE FERTILIZER REPORT.**

There has been a good inquiry and good bidding for ammoniates th past week, but the extreme views of producers have checked business. Bids have been declined of \$13 f. o. b. Chicago for 12 months' contract of 9 and 20 tankage and of \$11 f. o. b. for 7 and 30. Foreign sulphate of ammonia is a shade firmer.

We quote:  
Blood Nov. shipment at 1.45 per unit f. o. b. Chicago; Conc'd Tkge. Nov. shipment at 1.40 per unit f. o. b. Chicago; 9 and 20 crushed tkge on 12 months' contract, f. o. b. Chicago, 14; 10 and 10 ground prompt at 14.50; 8 and 20 crushed Nov. at 12; 9 and 20 Nov., to March, 1.70 and 10 Baltimore azotine at 1.60 to 1.65 per unit, Baltimore.

HARRY ROBE, ASSOCIATED.

**B. C. SHEPARD,**

Commission Buyer of

**CATTLE,  
HOGS AND  
SHEEP.**N. Y. Central Stock Yards,  
EAST BUFFALO, N. Y.Office, Room 13,  
1104 Stock Exchange Building.**MEAT HOOKS**

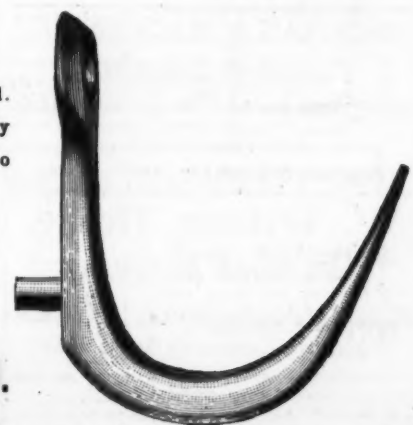
All Malleable Iron, Tinned.  
Easily detached and quickly  
replaced when cleaned, also

**PLAIN NATIONAL  
MEAT HOOKS...**

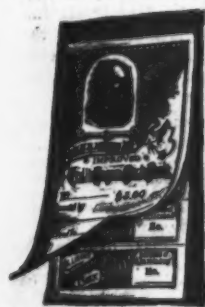
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**Thomas Devlin & Co.**

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## A TWO-CENT MISTAKE



don't amount to much in any business, but the sticking point is that a clerk is just as liable to make a mistake of \$2.00 as he is of two cents, and a few mistakes like this would pay for enough of Allison's Coupon Books to last a year or more. With these books mistakes are impossible.

### When A Man Wants Credit

for \$10.00 give him a \$10.00 Allison Coupon Book, charge him with this amount and there you are. No trouble at all. If he buys a plug of tobacco for ten cents, tear off a ten-cent coupon—that's all, and so on for all his purchases up to the limit of the book. NO PASS BOOK, NO CHARGING, NO TIME LOST, NO DISPUTES, NO ERRORS. There are other Coupon Books, of course, but why not

have the best—Allison's. Let us send you a cancelled sample free. For sale by the jobbing trade or by

ALLISON COUPON COMPANY, Indianapolis, Ind.

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**Provision Broker,**  
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Inspectors, Weighers, Etc.  
**Provisions, Lard, Tallow, Oleo, Oils,**  
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**NEW YORK AND CHICAGO.**

### THE PACKERS' HAND BOOK.

Is indispensable in every progressive packing house. See particulars, page 47. Order Blank for same, page 27.

**P. G. GRAY,**  
Broker in Packing House Products, Oils,  
Grease, Tallow, Fertilizers, etc.  
**PROVISIONS.**  
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Correspondence Solicited.

**H. C. ZAUN,**  
**Provision Broker,**  
Room 409 Produce Exchange,  
**NEW YORK.**

I do a strictly Brokerage business, neither buy nor sell for my own account. Reference, the Provision Trade of New York generally.

**DICKMAN & MACKENZIE,**  
**Analytical Chemists,**  
1224-1228 Rookery Bldg., CHICAGO.  
General Analysis of Fertilizers and  
Packing House Products.  
Telephone, HARRISON 198. ASSAY OFFICE.

**W. Wilson Tickle,**  
**COMMISSION MERCHANT,**  
166 and 167 Palmerston Buildings, LONDON, E. C.  
(Proprietor of THE AUSTRALIAN TRADING WORLD)

Will undertake any Commissions for the purchase of English goods.  
Samples of Cutlery, etc. furnished by parcel post on receipt of remittance to cover cost.  
Orders must be accompanied with cash or its equivalent.

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**General Commission**  
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**NEW YORK.**

### OLEO STEARINE A SPECIALTY.

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BROKERAGE AND COMMISSION,  
Fertilizing Material, Tallow, Grease,  
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72 BOARD OF TRADE,  
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**BROKER, PACKER HIDES,**  
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Information cheerfully given. Kansas City, Mo.

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BOLOGNA, FRANKFURTS, SCRAPPLE  
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THIS SEASON'S FRESH PORK, SUGAR-  
CURED HAMS, BEEF TONGUES, BONE-  
LESS HAM, DRIED BEEF, LIVER  
PUDDINGS.

I am prepared to fill all orders promptly. No adulterations used in any of our products. Patronage solicited.

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Factory, 22 & 28 Chambers Street.

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(Established 1873)

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**SAUSAGE CASINGS** AND DIRECT IMPORTER OF  
English Sheep Casings

Best Sausage Casings of Every Description.

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HAMS AND BACON  
**PRESS CLOTH** FOR PRESSING  
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BURLAP BAGS AND ALL GRADES BURLAPS.

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**PACKERS, BUTCHERS, SLAUGHTERERS, PROVISIONERS, LARD REFINERS, COTTON OIL MILLS, SOAP MAKERS, FERTILIZER MANUFACTURERS, GLUE MAKERS, TALLOW RENDERERS, HIDE AND SKIN DEALERS, Etc., Etc.,**

To Subscribe for

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The only paper in existence covering these trades.

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## EQUITY.

## SECURITY

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# AMERICAN UNION LIFE INSURANCE COMPANY.

Paid-up Cash Capital, \$500,000,

January 1, 1896.

\$488 ASSETS to each \$100 LIABILITIES.

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## UNEXCELLED FEATURES:

Incontestable after one year.  
Non-forfeitable after three years.

Paid-up or Extended Insurance provided in case of failure to pay premiums.

Annual Dividends.  
Loans up to 75% of Reserve.  
One month's grace allowed for payment of premiums.

Lowest Premiums.

Has written more insurance and has more insurance in force than any other Company in a like period of its existence.

Issues Renewable Term, Ordinary Life, Limited Payments, Endowment, Partnership or Joint Life, and Trust Fund Policies.

*Energetic and Reliable Agents Wanted.  
Men of ability can secure liberal contracts.*

For particulars send to Franklin Trust Bldg., Cor. Montague and Clinton Sts.

**ETTINGER & FREED, Managers,**  
BROOKLYN, N. Y.

## CHICAGO MARKETS.

### LARDS.

Prime Steam.....	4 1/4
Neutral.....	7
Compound.....	4 1/4

### STEARINES.

Oleo-stearines.....	5 1/4
---------------------	-------

### OILS.

Lard oil, Extra.....	35
" " No. 1.....	30
" No. 2.....	28
" No. 3.....	26
Oleo oil, "Extra".....	8
Neatsfoot Oil, Pure.....	50
" Extra.....	38
" No. 1.....	33

### TALLOW.

Tallow Oil.....	32
Packers' Prime.....	3 1/2 a 4
No. 2.....	3 1/4
Edible Tallow.....	4
Demand for tallow good.	

### GREASES.

Brown.....	2 1/2
Yellow.....	2 1/2 a 3
White.....	3 1/2
Bone.....	3 1/4

### BUTCHERS' FAT.

Rough shop fat.....	2 1/2
Inferior or black fat.....	1/2
Suet.....	1 1/4
Shop Bones, per 100 lbs.....	15

### COTTONSEED OIL.

P. S. Y., in tanks.....	23
Crude, ".....	20
Butter oil, barrels.....	33

### FERTILIZER MARKET.

Dried Blood, 16 to 17 units.....	1.32 1/2	Chgo. f. o. b.
Hoof meal, per unit.....	1.27 1/4	"
Concent. tankage, 14 to 15 p. c. p. unit.....	1.22 1/2	"
Unground tankage, 10 to 11 p. c. p. ton.....	13.00	"
Unground tankage, 9 & 20 p. c. p. ton.....	11.50	"
Unground tankage, 8 & 20 p. c. p. ton.....	10.00	"
Unground tankage, 7 & 30 p. c. p. ton.....	9.50	"
Unground tankage, 6 & 35 p. c. p. ton.....	10.00	"
Bone meal, per ton.....	18.50	"
Bones, rough, "packers".....	17.00	"
Steamed bone meal per ton.....	16.00	"
Ground tankage, \$1 per ton extra.		

### HORNS, HOOFS AND BONES.

Horns No. 1.....	\$170 per ton 65-70 lbs. average
Horns.....	\$20.00 per ton
Round Shin Bones.....	\$47.00 " "
Flat Shin Bones.....	\$37.50 " "
Thigh Bones.....	\$90 per ton, 90-100 lbs. average

### BUTCHERS' SUNDRIES.

Pork loins.....	5 1/2
Tenderloins.....	10 1/2
Spare ribs.....	3 1/2
Trimnings.....	3 1/4 a 4
Boston butts.....	3 1/2
California Butts.....	4 a 4 1/2
Necks.....	3
Skinned Shoulders.....	4

### CHICAGO LIVE STOCK.

	Cattle.	Calves.	Hogs.	Sheep.
Receipts.....	57,883	1,553	157,039	91,961
Ship's.....	17,964	154	82,067	25,220
Receipts.....	75,148	2,358	201,260	88,185
Ship's.....	21,715	360	38,743	27,767
Receipts.....	73,108	4,116	183,224	93,425
Ship's.....	18,932	613	40,989	14,889
Average weight of hogs week ending Oct. 17, 1896, 242 lbs.; week ending Oct. 19, 1896, 230 lbs.; week ending Oct. 20, 1896, 232 lbs.				

HINTS TO PRACTICAL OIL MILLERS  
WITH REGARD TO PRESS ROOM AP-  
PLIANCES AND METHODS. ORDER  
THE BOOK NOW. BLANK CAN BE  
FOUND ON PAGE 19.

## P. DONAHUE & SON,

Highest Prices Paid for

## HIDES, FAT AND SKINS,

658 W. 39th St., New York.

## HIGHEST PRICES

FOR

Hides, Horsehides,

Calf Skins,

Tallow, &c.

Sheep and Lamb Skins,  
Pelts.

## JOSEPH HABERMAN

623 to 627 West 40th St.,

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### REFERENCES:

The Bowery Bank of New York,  
"The National Provisioner."

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Fat, Suet, Calfskins, Hides, Plates & Bones,

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Greenpoint, L. I. Mount Vernon.

Wagon calls to all parts of the city, Brooklyn, Westchester  
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## HERMAN BRAND,

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Wagons visit all parts of the city.

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Also Plate, Naval and Prime Beef,

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**SEE COUPON ON PAGE 27.**

## WHAT'S THE MARKET

ON...

HIDES

SKINS

PELTS

TALLOW

GREASE

SEND for free copy of our  
paper. Market Reports  
each week from Chicago  
and all leading markets.

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Hide and Leather,

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OF THE MONTHLY  
OUTPUT OF THE

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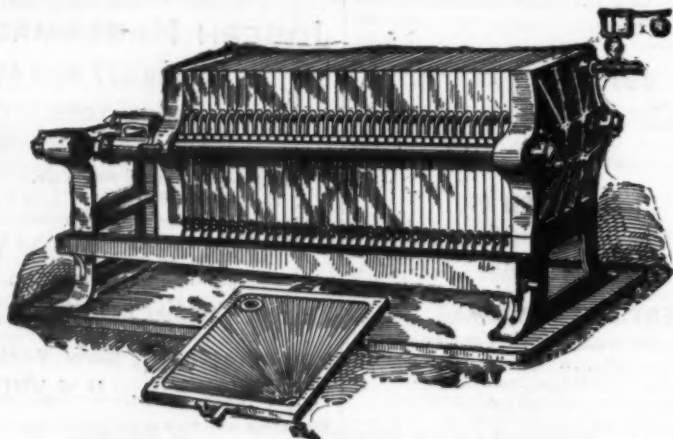
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THE LATEST AND BEST.



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Vacuum Pans, Steam Jacket Kettles,  
BATAVIA, ILL. Caldrons, Hog Scalders, etc.

SEND FOR FULL INFORMATION.

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Steel Frame & Royal Scale Rack

Requires No Pit. No change of Balance.

Manufactured at less than Wholesale prices, viz:  
Sewing Machines, Bicycles, Organs, Pianos, Cider Mills,  
Carriages, Carts, Beggins, Barrels, Saws, Bone Mills,  
Letter Presses, Jack screws, Trucks, Anvils, Hay Cutters,  
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Lawn Mowers, Coffee Mills, Forges, Lathes, Dump Carts,  
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Panning Mills, Cross Bars, Balers, Watches, Clothing &c.  
Hay, Rick, Elevator, Railroad, Platform and Counter SCALES.  
Send for free Catalogue and see how to Save Money.  
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FIXTURES and  
ICE HOUSES**

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Tools always on hand.

**SHEET IRON**

**SMOKE HOUSES.**

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MANUFACTURER OF  
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Boxes, Tools, Etc.

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**THE ONLY LINE** maintaining a regular service to the European Continent with **TWIN SCREW STEAMERS**, New York-Plymouth (London)-Cherbourg, (Paris)-Hamburg Holding the record for fastest time on this route.

Columbia, Sept. 24, 7 a.m.	Normannia, Oct. 29, 10 a.m.
Normannia, Oct. 1, 10 a.m.	Aug. Victoria, Nov. 5, 7 a.m.
Aug. Victoria, Oct. 8, 7 a.m.	Fürst Bism'k, Nov. 12, 10 a.m.
Fürst Bism'k, Oct. 15, 10 a.m.	Normannia, Nov. 26, 10 a.m.

**REGULAR SERVICE** between NEW YORK and HAMBURG direct.

By new Twin Screw mail steamers and other steamers.

Patris, Sept. 19, 3.30 p.m.	Palatia, Oct. 24, 8 a.m.
Prussia, Sept. 26, 10 a.m.	Patris, Oct. 31, 12 noon.
Phoenicia, Oct. 3, 2 p.m.	Prussia, Nov. 7, 9 a.m.
Persia, Oct. 10, 9.30 a.m.	Phoenicia, Nov. 14, 1.30 p.m.
Armenia, Oct. 17, 2.30 p.m.	

**BALTIC LINE** Direct Service between NEW YORK and STETTIN.

Georgia, Sept. 19, 2 p.m.	Virginia, Nov. 21, 2 p.m.
Virginia, Oct. 3, 3 p.m.	Venetia, Dec. 5, 2 p.m.
Venetia, Oct. 17, 2 p.m.	Georgia, Dec. 26, 2 p.m.
Georgia, Nov. 7, 2 p.m.	Virginia, Jan. 9, '97, 2 p.m.

**SPECIAL WINTER CRUISES** To Orient, leaving New York, January 26th, 1897. To the West Indies, leaving New York on Thursday, February 11th, 1897. Special pamphlets, containing full description of these trips, will be sent upon application to the

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37 Broadway, New York, Cor. La Salle and Randolph  
Sts., Chicago.

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MANUFACTURERS OF

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## SKEWERS

Made from the  
**BEST OF HICKORY.**

Correspondence solicited.

**Jackson & Co.,**

626 Tenth Ave., New York.

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OF THE

**MEAT AND PROVISION INDUSTRIES**

Of the United States and Canada.

**7000 Names. 440 Pages**

Half tone paper, illustrated, well bound in cloth.

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**PART I.**

7000 Names of Pork and Beef Packers.  
Wholesale Butchers & Slaughterers.  
Wholesale Dealers in Meats.  
Wholesale Provision Dealers.  
Lard Renderers and Refiners.  
Oleomargarine and Butterine Mfrs.  
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Provision Brokers & Com. Merchants.  
Cottonseed Oil Mfrs. and Refiners.  
Sausage Manufacturers.  
Fertilizer Manufacturers & Dealers.  
Soap and Candle Makers.

**PART II.**

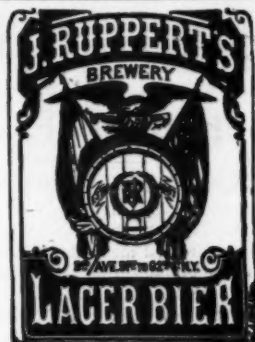
I.—Illustrated Articles showing all cuts of meats for domestic and export markets. The latest methods of killing, chilling, curing and making brines. Tests, tables, export weights, boxed meats, tacks, lard, sausage departments.  
II.—Receipts for Sausage Makers.  
III.—Cottonseed Oil Manufacture and Appliances. Latest Machinery and its Use.  
IV.—Historical and Statistical Survey of the Trade.

**The National Provisioner Publishing Co.**

284-286 Pearl Street, New York.

617-619 Manhattan Bldg., Chicago, Ill.





## BUTCHERS.

The following Mortgages on Grocers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, October 24, 1896. They are a reprint of our Advance Sheet, sent out to houses on October 24, who subscribe to same.

### NEW YORK CITY.

Busse & Simoni, 100 Broadway; to Buhning Co. (Refrigerators).....	\$637
Berkowitz, Max, 222 2d St.; to L. Heinsfurter.....	30
Friedman, Adolph, 205 Delancey St.; to L. Heinsfurter.....	209
Funk, Hy., 21 Avenue D; to John Funk.....	1,500
Gibb & Dotzert, 150 Willis Ave.; to H. C. Schur.....	600
Heusser, Jacob, 305 East 9th St.; to M. Hamelberger.....	100
Jackle, Christian, 870 Columbus; to J. Levy.....	317
Joel, Emanuel, 1517 3d Ave.; to W. H. Otto (Fish, etc.).....	60
Krauss, Hy., 2349 3d Ave.; to Pauline Krauss.....	500
Krauss & Jansen, 2127 3d Ave.; to S. Levy.....	150
Lewis, Abraham, 114 Trinity Ave.; to E. Diamond.....	100
Meyer, Elias, 179 Delancey St.; to L. Heinsfurter.....	400
Mintz, Lena, 208 Delancey St.; to L. Heinsfurter.....	300
Moses, Lillian, 1656 3d Ave.; to M. Zimmermann.....	75
O'Neill, Ferris, 789 9th Ave.; to J. McLean.....	163
Ricker, Bachie, 27 Suffolk; to M. Weibatt.....	140
Schwartz, Samuel, 79 Lewis; to L. Heinsfurter.....	50
Wolf, Meyer, 34 Essex St.; to H. Sapoff.....	100

### Bills of Sale.

Bartoli, Domenico, 336 East 63d; to Carmelo & Vincenzo.....	150
Glockner, Henry, 521 East 87th; to Hattie Glockner.....	300

### KINGS COUNTY.

Frederick, W., 190 Evergreen Ave.; to A. Schwauwer.....	50
Rose, C., 3 Vanderveer; to G. L. Hornbeck.....	165

### Bills of Sale.

Burkhardt, —, 204 Irving Ave.; to Margaret Burkhardt.....	Nom.
Gerlich, J., 108 Bushwick Ave.; to Annie Gerlich (subject to mortgage, \$700).....	800

### HUDSON COUNTY.

Bowden, A. M.; to W. E. Cooper..	506
----------------------------------	-----

### ESSEX COUNTY.

Tencer, Ozias; to B. Stern.....	95
---------------------------------	----

## GROCERS.

The following Mortgages on Grocers' Fixtures, Bills of Sale, etc., have been recorded during the past week up to Saturday, October 24, 1896. They are a reprint of our Advance Sheet, sent out to houses on October 24, who subscribe to same.

### NEW YORK CITY.

Craven, W., & J. H.; 401 West 44; to A. Muller.....	90
Derlick, O., & E., 513 10th Ave.; to P. Linder.....	52
Ferdinand, E. F., 539 East 117th; to Smith & Sills.....	526
Eitzen, Augusta, 224 West 65th, 181 Amsterdam Ave.; to Smith & Sills.....	1,000
Groten, R. C.; to C. F. Gernerich & Co.....	1,400
Knoll, Amelia, 397 2d Ave.; to O. W. Van Campen, Jr.....	734
Lassner, Jacob, 264 Delancey; to M. Mellis.....	300
Same, 174 Avenue B; same.....	225
Lenke, Fredrik, 437 1st Ave.; to M. Bautenberg.....	100
Otten, Chas.; to C. F. Gernerich & Co.....	122
Tilley, Emma C., 98 9th Ave.; to Farmers' Butter & Egg Co.....	500

### Bills of Sale.

Bruck, Max, 260 Elizabeth St.; to Cangiatosi & Mauri.....	715
Fried & Brookman, 2372 2d Ave.; to H. Pincus.....	150
Raska, Ed., 1453 1st Ave.; to M. Porkany.....	350
Steirman, Jacob, 150 Forsyth; to Rachel Steirman.....	275
Shad, Jos., 397 2d Ave.; to A. Knoll.....	1,300

### KINGS COUNTY.

Huhu, A., 699 Myrtle Ave.; to P. Schonan.....	500
Kneek, Maria (widow), 170 Ewen; to B. A. Jacobs.....	400
Neale, A. M., 113 Rochester Ave.; to Mary Volckmer.....	50
Reuter, C. H., 1389 Broadway; to Helen Roters.....	300
Warmbold, C. A., 977 Myrtle Ave.; to P. C. Schroder.....	1,000
Same, 166 Ewen; same.....	500

NOTE.—The above information will be furnished on a special advance sheet one week ahead of this publication to all those who may desire to order it. Price, \$2.50 per year, 52 weekly sheets.

## BUTCHERS OF BROOKLYN

WOULD DO WELL TO CALL AT  
**ELSNER & KEIL,**  
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 who manufacture every kind of Provisions and Smoked Meats.  
 Bologna and Frankfurters a Specialty.  
 YOUR BUSINESS SOLICITED.

### FOR NEW AND SECOND-HAND

**Butchers' and Grocers' Fixtures,**  
**SCALES AND GAS FIXTURES,**  
 Apply to **WOLLIN BROS.,**  
**2200 SECOND AVENUE,**  
 Cor. 113th Street, NEW YORK CITY.  
 Carpenter and Cabinet Work a Specialty.

### J. DAHUTS' SONS,

Manufacturers of

**ICE HOUSES & STORE FIXTURES**  
 NEW OR SECOND-HAND.  
**2104-2106 Second Avenue,**  
 Bet. 108th and 109th Sts., NEW YORK CITY.  
 REFRIGERATORS A SPECIALTY.

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## Packers' Handbook

is written as the result of more than

**Twenty-Five Years' Experience**  
**in Curing Meats.**

**SHOULD BE IN THE HANDS OF EVERY**  
**PACKER AND BUTCHER.**

**A FEW MORE COPIES ON HAND.**  
**PRICE, \$10 EACH.**

See Advertisement, Page . . . . . 48

## CIMETER BLADE STEAK KNIFE.

	Per Doz.
No. 010—10 inch, -	\$9.60
No. 012—12 inch, -	15.00
No. 014—14 inch, -	21.00
No. 016—16 inch, -	27.00

We will send one or more of these Steak Knives to any Marketman or Butcher in the United States or Canada, Express prepaid, on receipt of list price. SEND FOR CATALOGUE FREE.

**KNIVES, CLEAVERS AND STEELS.**

CUTLERS TO THE AMERICAN BUTCHERS.

**NICHOLS BROS., Greenfield, Mass.**



## "ECLIPSE"

## Silent Meat Cutting Machines

Are conceded by the Trade, both in this country and Europe, to be

**THE BEST MACHINES** EVER PUT ON THE MARKET.

MANUFACTURED AND SOLD BY

**DUNCAN MACKENZIE,**  
**Union Iron Works**

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Sold also by **WOLF, SAYER & HELLER,**  
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## POSITIONS WANTED.

### FERTILIZER AND GLUE.

An experienced fertilizer man, at present connected with large packing firm, who has had executive management of business and who thoroughly understands the manufacture and sale of Fertilizers, Glue, Tallow, Stearines, Oils, Casings, etc., will be open for engagement January 1. Would like to hear from parties organizing a company or from a responsible broker. Best of references. Address AVAILABLE, Box 115, care of THE NATIONAL PROVISIONER, 617-618 Manhattan Building, Chicago.

### IMPORTANT TO PACKERS AND MANUFACTURERS.

A gentleman who desires to make an extended trip through Europe next spring and who will visit the largest cities and principal ports would be pleased to make connections with some prominent houses for which he could do some business on his proposed trip. Address I. Z. I., Box 527, care of THE NATIONAL PROVISIONER, 284 Pearl street, New York.

Position by competent man in office or warehouse. Have had experience in packing house. Can furnish best of references. Address J. H. C., care THE NATIONAL PROVISIONER, 284 Pearl street, New York City.

Packing house expert is open for engagement to superintend erection of packing houses and complete equipment thereof—cattle, hogs and sheep. Will also undertake to instruct in any branch of the business. Killing, cutting and curing for domestic or foreign trade, refining lards, manufacture of compounds, deodorizing greases, the manufacture of oleo and neutral lard, canning of all kinds of meats, manufacture of beef and chicken extracts, process of canning corned beef in six days from cutting and guaranteed equal to any on the market. Address EXPERT, 617 Manhattan Building, Chicago.

POSITION WANTED BY A THOROUGHLY experienced and widely acquainted packing house machinery and supplies salesman. Address D. M. BELL, care THE NATIONAL PROVISIONER, 617 Manhattan Building, Chicago.

WANTED—A position as beef or sheep salesman; have had three years' experience selling beef and sheep in New York. J. S., care of "The National Provisioner," New York.

### POSITION WANTED.

By good beef salesman, who has good chuck trade in New York and Brooklyn; entirely familiar with the beef and fat business, having had an experience of over eight years in these departments in a large house. Am also a competent bookkeeper and office man. Would go into partnership in chuck business with party having a few hundred dollars. Good profits. Address J. F., 118, care NATIONAL PROVISIONER, 284 Pearl street, New York City.

## HELP WANTED.

### CHEMIST WANTED.

CHEMIST WANTED.—We want for our Laboratory an experienced assistant chemist, such as are familiar with packing house work, analysis of fertilizers, oils, fats, greases and tanners' work will have the preference. THE NATIONAL PROVISIONER ANALYTICAL LABORATORY, 284 Pearl street, New York.

We desire for the city of Cincinnati a representative who is known and respected in the packing trade, and who, if possible, has other occupation, so that he can take our business as a side line. THE NATIONAL PROVISIONER, 284-6 Pearl street, New York City.

WANTED.—An energetic business man who can furnish good references as to character and wishing to actively engage in the wholesaling of beef, pork and small stock, can hear of a chance seldom offered to become a partner in a well established and paying business that will bear investigation; in a good business city; one acquainted with the business preferred; the reason for wanting a partner is his assistance to increase the business; none but those meaning business need apply. Address, "PARTNER," care THE NATIONAL PROVISIONER, New York City, N. Y.

A casing traveling man to handle a side line on commission. Address "SIDE LINE," care THE NATIONAL PROVISIONER, New York.

## CHEMIST WANTED.

WANTED.—A Chemist, must be fully experienced in Packinghouse Laboratory work. State references, experience, age, etc.

Address, CHEMIST,  
617 Manhattan Bldg., Chicago.

### WANTED.

Clerical position in packing house. Address W. E. White, 617 Manhattan Bldg., Chicago, Ill.

## FOR SALE.

### SLAUGHTER HOUSE FOR SALE.

FOR SALE—Slaughter house and ground in Stock Yards in Omaha, Neb. Well adapted for handling dressed meat and shipping East. Particulars on application. Address O. C., 111, NATIONAL PROVISIONER, 284-6 Pearl street, New York; 617-8 Manhattan Building, Chicago.

A few copies of "Swine Husbandry" (by Coburn), at 75c. each. This is a good opportunity for any one who desires to possess a book which treats fully on breeding, feeding and cultivation. The price named is a reduced figure. THE NATIONAL PROVISIONER PUB. CO., 284 Pearl street, New York.

### OIL, TALLOW, GLUE AND ANIMAL BONE FERTILIZER BUSINESS FOR SALE.

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## Manager Wanted

### For Sausage Department.

Wanted.—By a large Chicago manufacturer of summer sausage, a competent man to sell large trade and handle department; must be a good salesman, and experienced. State age, qualifications, references. Y. S. U., Box 211, care of "The National Provisioner," 617 Manhattan Building, Chicago.

**SEE COUPON ON PAGE 27.**

TO BE DETACHED.

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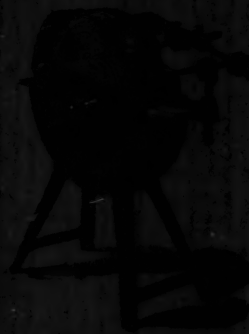
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